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Specification Sheets

Your PRODUCT GUIDE Book





10S2P1L · 11S2P2D 10S2N1L · 11S2N2D

WDR, CS Mount, SDN **Compact Camera**





















The inMotion in10S2x1L / in11S2x2D is the next generation in our line of ultra compact WDR box cameras. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in10S2x1L / in11S2x2D series is very compact and flexible enough to meet any installation requirement.

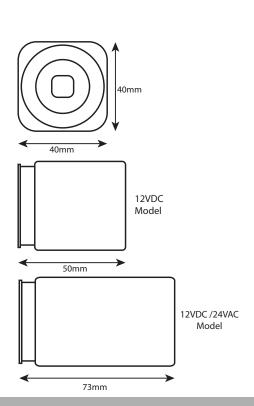
- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- **DEFOG**
- **Digital Image Stabilization**
- 3D DNR
- Optical Dual Vari-Focal

- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- **Privacy Zones**
- **Motion Detection**
- Rear Panel Joystick
- Optional UTC (Up the Coax) OSD Programmer
- CS mount with adjustable back focus control
- 12VDC (L Model)
- 12VDC/24VAC (D Model)

in Motion International Ltd







	System		PAL	NTSC
Imaging	Sensor		Mega Pixel Sensor	
	Effective Pix	els	1305	x1049
Performance	Resolution		800	TVL
	Wide Dynar	nic Range	13	OdB
	Sensitivity		0.0	1Lux
	S/N Ratio		52	dB
	Day / Night		Software	Controlled
Lens	Туре		DC / N	⁄lanual
	Mount		CS (C witl	n adaptor)
Functions	OSD		English,	Chinese
	Shutter		1/50~1/120,000	1/60~120,000
	Flickerless		On	/Off
	Wide Dyna	mic Range	Off/Low/M	edium/High
	HLC (High Li	ght Supp)	Off/Low/M	edium/High
	BLC (Back Li	ght Comp)	Off/Low/M	edium/High
	DEFOG		Off/Low/M	edium/High
	AGC		Off/Adjus	table Level
	Digital Slow	Shutter	Adjusta	ble level
	Digial Image	Stabilization	Υ	ES
	Electronic s	hutter	YES Internal/External Off/On 1~256 Off/On, 8 Characters ATW/Push/Manual	
	Sync			
	Camera ID N	Number		
	Camera Nar	ne		
	White Balar	ice		
	3D DNR		Off/Low/M	edium/High
	Gamma		0.35	~0.55
	Chroma Gain		Adju	stable
	Motion Det	ection	4 areas, Off/On, Po	osition & Sensitivity
	Privacy mas	king	8 areas, Off/On	, Color, Position
	Image funct	ions	Flip, Mirro	or, D-Zoom
Input/Output	Video Outp	ut	CVBS 1.0	Vp-p 75Ω
	Programmir	ng interface	Back Pan	el Joystick
			Optional UT	C Controller
Power	L Model		12VDC ±10)% 3W Max
	D Model		24VAC ±109	6 4.2W Max
Physical	Dimensions	L Model	40 x 4	0 x 50
	(mm)	D Model	40 x 4	0 x 73
	Weight	L Model	15	50g
		D Model	220g	
	Mounting		2x 1/4	"BSW
Environmental	Operating T	emperature	-10°C′	~+50°C
	Humidity		Less than 90%,	non condensing
Order Codes	12VDC		in10S2P1L	in10S2N1L
	12VDC/24VAC		in11S2P2D	in11S2N2D

Kowloon Bay - Hong Kong • Beijing - China• Taipei - Taiwan



24VAC

12VDC



10S9P1L · 11S9P2D 10S9N1L · 11S9N2D

1/3" CS Mount, CCD SDN **Compact Camera**



The inMotion in10S9x1L / in11S9x2D is the latest release in our line of ultra compact CCD box cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in10S9x1L / in11S9x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- ⅓" Advanced High Sensitivity Sensor
- 700 TVL
- Software Day/Night Function
- Min. Illumin. 0.05 Lux
- Digital Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- **DEFOG**
- 3D DNR
- Sens Up (512x)

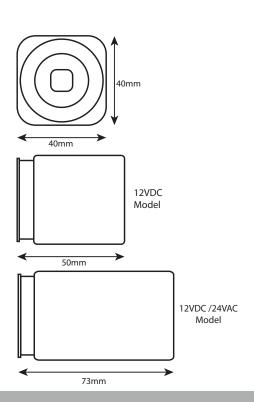
- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- **Privacy Zones**
- **Motion Detection**
- CS mount with Adjustable Back Focus Control
- Rear Panel Joystick
- iCCTV[™] compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC (L Model)
- 12VDC/24VAC (D Model)

Asia Europe

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	System		NTSC	PAL
CCD	Sensor		1/3" Advanced Hig	h Sensitivity Sensor
	Effective Pi	xels	976x582	976x494
Performance	Resolution		700	TVL
	Sensitivity		0.05	Lux
	S/N Ratio		52	dB
	Day / Night		Software (Controlled
Lens	Туре		DC / N	1anual
	Mount		CS (C with	adaptor)
Functions	OSD		English/	Chinese
	Shutter		1/50~1/120,000	1/60~120,000
	Flickerless		On,	Off
	D-WDR		Off/Low/M	edium/High
	HLC (High L	ight Supp)	Off/Low/M	edium/High
	BLC (Back L	ight Comp)	Off/Low/M	edium/High
	DEFOG		Off/Low/M	edium/High
	AGC		Off/Adjust	able Level
	Sens Up		Adjustable	level 512x
	Electronic	hutter	Ye	es
	Sync		Internal/External	
	Camera ID Number Camera Name White Balance 3D DNR Gamma		Off/On 1~256	
			Off/On, 8 Characters	
			ATW/Push/Manual	
			Off/Low/M	edium/High
			0.35~0.55	
	Chroma Ga	in	Adjustable	
	Motion Det		4 areas, Off/On, Position & Sensitivity	
	Privacy ma		8 areas, Off/On, Color, Position	
	Image func		Sharpnes	
Input/Output	Video Outp		CVBS 1.0	<u> </u>
	Programmi	ng interface		el Joystick
	1		•	C Controller
Power	L Model			±10%
	D Model		3W 24VAC	max `+10%
	Diviodei		4.2W	
Physical	Dimensions	L Model		0 x 50
	(mm)	D Model	40 x 4	0 x 73
	Weight	L Model		0g
		D Model	220g	
	Mounting		2x ¼"BSW	
Environmental		Temperature		′+50°C
	Humidity		Less than 90%,	non condensing
Order Codes	<u> </u>		NTSC	PAL
	12VDC		in10S9N1D	in10S9P1D
	12VDC/24V	/AC	in11S9N2D	in11S9P2D
	<u> </u>			

** Optional Feature





1/3" CS Mount, WDR SDN Compact Camera

















The **inMotion** in10S8/11S8 series of ultra compact cameras use our new Shark WDR sensor. Offering 620TVL resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in10/in11 series is compact and flexible enough to meet any installation requirements.

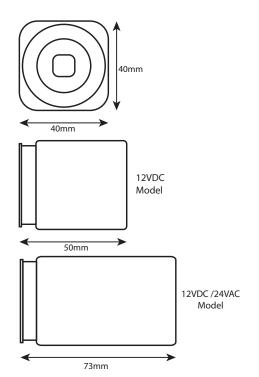
- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- 1/3" Image Sensor
- 620 TVL
- Software Day/Night Function
- Min. Illumin. 0.5 Lux

- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- Rear Panel Joystick
- 12VDC (L Model)
- 12VDC/24VAC (D Model)

Asia Europe USA



	System		PAL	NTSC	
Imaging	Sensor		1/3" High Sensitivity Sensor		
	Effective Pixels		756 (H) x 504 (V)		
Performance	Resolution		620	TVL	
	Sensitivity		0.5Lux (C	ol), 50IRE	
	S/N Ratio		50	dB	
	Day / Night		Software	Controlled	
Lens	Туре		DC /N	1anual	
	Mount		CS (C with	Adaptor)	
unctions	OSD		English/	Chinese	
	Wide Dynan	nic Range	Low/Med	lium/High	
	AGC		Adjustal	ole Level	
	Electronic sl	nic shutter Off/On		/On	
	Sync		Inte	nternal	
	White Balan	ice	AWB/Manual		
	Brightness Contrast Sharpness		Level Control		
			Level Control		
			Level Control		
	Mirror		H/V/HV		
nput/Output	Video Outpu	ut	CVBS 1.0Vp-p 75Ω		
	Programmin	ng interface	Back Pan	el Joystick	
Power	L Model		12VDC ±10	% 3W Max	
	D Model		12VDC/24VAC	±10% 4.2W Max	
Physical	Dimensions	L Model	40 x 4	0 x 50	
	(mm)	D Model	40 x 4	0 x 73	
	Weight	L Model	15	0g	
		D Model	22	0g	
	Mounting		2x 1/4	'BSW	
nvironmental	Operating To	emperature	-10°C′	~+50°C	
	Humidity		Less than 90%,	non condensing	
Order Codes	12VDC	<u> </u>	in10S8P1L	in10S8N1L	
	12VDC/24VAC		in11S8P2D	in11S8N2D	







10S4P2L · 11S4P2D 10S4N2L · 11S4N2D

1/3" CS Mount CCD SDN Compact Camera



















The inMotion in10S4x2L / in11S4x2D series of ultra compact CCD. Offering 620TVL resolution, enhanced low light and D-WDR performance combined with Adaptive 2D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in10S4x2L / in11S4x2D series is very compact and flexible enough to meet any installation requirement.

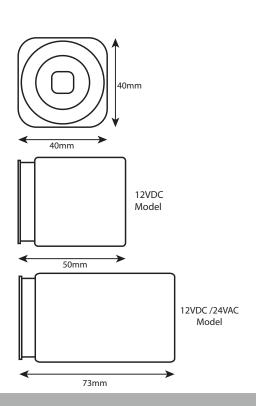
- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- ⅓" Sony Super HAD II CCD
- 620 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux@ F1.2
- Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Adaptive 2D DNR
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- Rear Panel Joystick
- 12VDC (L Model)
- 12VDC/24VAC (D Model)

Asia Europe USA







	System		PAL	NTSC
CCD	Sensor		1/3" Sony Su	per HAD II CCD
	Effective Pix	els	752x582	768x494
Performance	Resolution		62	OTVL
	Sensitivity		0.0	1Lux
	S/N Ratio		5	2dB
	Day / Night		Software	Controlled
Lens	Туре		DC / I	Manual
	Mount		CS (C wit	h adaptor)
Functions	OSD			/Chinese
	Shutter		1/50~1/120,000	1/60~120,000
	Flickerless			n/Off
	Wide Exten	ded Range		/edium/High
	HLC (High Li			1edium/High
	BLC (Back Li			1edium/High
	DEFOG	8 60)		
	AGC		Off/Low/Medium/High Adjustable Level	
	Electronic shutter		YES	
	Sync		Internal/External	
	Camera ID N	Jumher	Off/On 1~256	
	Camera Name		Off/On, 8 Characters	
	White Balance			sh/Manual
	2D Adaptive DNR			1edium/High
	Gamma	DIVIN	0.35~0.55	
	Chroma Gai	n	Adjustable	
	Motion Det			osition & Sensitivity
	Privacy mas			n, Color, Position
	Image funct			ess, Mirror
Input/Output	Video Outp			OVp-p 75Ω
input/Output	Programmir			joystick
Power	L Model	ig interrace		C ±10%
rowei	Liviodei			
	D Model		3W max 24VAC ±10%	
				V Max
Physical	Dimensions	L Model		40 x 50
	(mm)	D Model	40 x	40 x 73
	Weight	L Model	1	50g
		D Model	220g	
	Mounting			G"BSW
Environmental	Operating T	emperature		:~+50°C
	Humidity	1 222 7		non condensing
Order Codes	12VDC		in10S4P2D	in10S4N2D
	12VDC/24V	AC	in11S4P2D	in11S4N2D





ATM, WDR, SDN Camera























The **inMotion ATM Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in30 is extremely compact and flexible enough to meet all ATM installation requirements.

- Compact 36mm² footprint
- InMotion Thermal Management
- inMotion inViVid® Color Technology
- Hi-Res Board lens (various options)
- Ultra High 800 TVL
- Adaptable mounting brackets
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)

Asia

- DEFOG
- Digital Image Stabilization

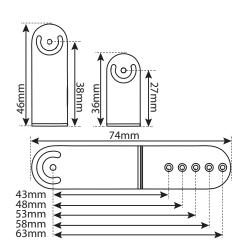
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using optional power converter)

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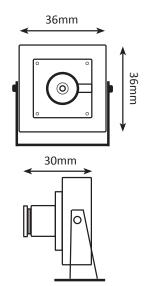


NTSC

PAL



	System	INISC	PAL
Imaging	Sensor	Mega Pix	el Sensor
	Effective Pixels	1305	x1049
Performance	Resolution	800	TVL
	Wide Dynamic Range	130d	В Мах
	Sensitivity	0.03	1Lux
	S/N Ratio	52	dB
	Day / Night	Software	Controlled
Lens	Туре	Fix	æd
	Focal Length	2.5mm c	or 3.0mm
	Optical Dual Vari-Focal	3.5 or	4.2mm
Functions	OSD	English/	'Chinese
	Shutter	1/50~1/	120,000
	Flickerless	On,	/Off
	Wide Dynamic Range	Off/Low/M	edium/High
	HLC (High Light Supp)		edium/High
	BLC (Back Light Comp)		edium/High
	DEFOG	1	edium/High
	AGC	Off/Adjust	table Level
	Sens Up	Adjusta	ble level
	Digial Image Stabilization	Y	ES
	Electronic shutter	Y	ES
	Sync	Internal	/External
	Camera ID Number	Off/On	1~256
	Camera Name	Off/On, 15 Characters ATW/Push/Manual Off/Low/Medium/High 0.35~0.55	
	White Balance		
	3D DNR		
	Gamma		
	Chroma Gain	Adjus	stable
	Motion Detection	4 areas, Off/On, Po	sition & Sensitivity
	Privacy masking	8 areas, Off/On	, Color, Position
	Image functions	Flip, Mirro	or, D-Zoom
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	in-line Pro	ogrammer
		Optional UT	C Controller
Power	Voltage	12VD	C ±10
	Power	3W	Max.
Environmental	Operating Temperature	-10°C′	~+50°C
	Humidity	Less than 90%,	non condensing
Physical	Construction	Alumini	um shell
	Dimensions	36 H x 36	W x 32 D
	Weight	80	 Og
Order ID	2.5mm	in30S2N1L25	in30S2P1L25
	3.0mm	in30S2N1L30	in30S2P1L30
	3.0mm NCR Version	in30S2N1L30-NCR	in30S2P1L30-NCR
Converter	24VAC to 12VDC		00S
	1		



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System





1/3" ATM, WDR, SDN Camera

















The **inMotion ATM** cameras use our new Shark WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in30S8x2L series is compact and flexible enough to meet any installation requirements.

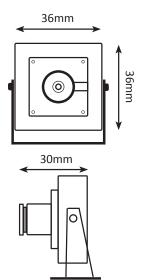
- Compact 36mm² footprint
- inMotionThermal Management
- inMotion inViVid® Color Technology
- 1/3" Image Sensor
- 620TVL
- 3mm Fixed lens
- Adaptable mounting brackets
- Software Day/Night Function

- Min. Illumin. 0.5 Lux@ 50 IRE Color
- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- CVBS Analogue Video Output
- OSD Menu
- 12VDC
- 24VAC Option

Asia Europe USA



Imager	Sensor	1/3" High Sensitivity Sensor	
	Effective Pixels	756 (H)	x 504 (V)
Performance	Resolution	620	TVL
	Sensitivity	0.5Lux (C	ol), 50IRE
	S/N Ratio	50dB	
	Wide Dynamic Range	100d	B Max
	Day / Night	Software	Controlled
Lens	Туре	Fix	æd
	Focal Lenght	3n	nm
	Mount	121	mm
	Optional Lenses	3n	nm
Functions	OSD	English/	Chinese Chinese
	Wide Dynamic Range	Low/Med	lium/High
	AGC	Adjustal	ole Level
	Electronic shutter	Off/On	
	Sync	Internal	
	White Balance	AWB/Manual	
	Brightness	Level Control	
	Contrast	Level Control Level Control	
	Sharpness		
	Mirror	H/V	/HV
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	in line Pro	ogrammer
Power	Voltage	12VD0	±10%
	Power	3W	max
Physical	Dimensions	36 H x 36	W x 32 D
	Weight	80	Og
	Mounting	Sur	face
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%,	non condensing
Ordering codes		NTSC	PAL
	3.0mm	in30S8N1L30	in30S8P1L30
24VAC Power Converter		inPC500S	

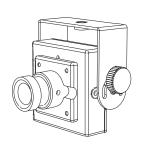


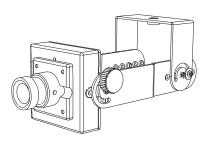


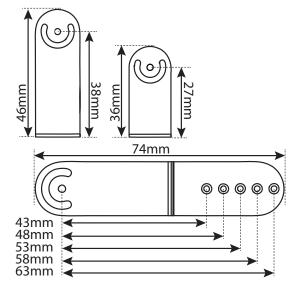
DRAWINGS & DIMENSIONS

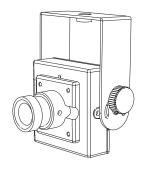


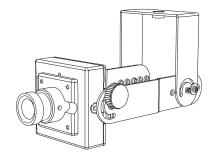
1/3" ATM SDN Camera

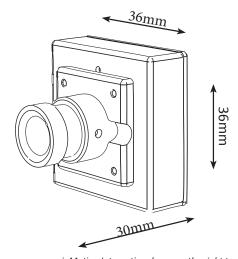












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Special Application Camera























The **inMotion Special Application Camera** uses the latest in WDR performance chipsets. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in31 is extremely compact and flexible enough to meet any installation requirements. Use in ATM's, Gaming, Fast food windows, many other specilty applications.

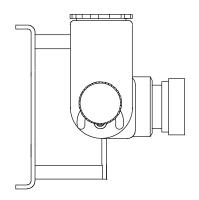
- Compact Design
- InMotion Thermal Management
- inMotion inViVid® Color Technology
- Hi-Res Board lens (various options)
- Ultra High 800 TVL
- Adaptable mounting bracket
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

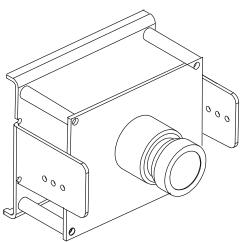
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC
- 24VAC Option

in Motion International Ltd



	System	NTSC		PAL
Imaging	Sensor	Mega Pix	el Senso	or
	Effective Pixels	1305	x1049	
Performance	Resolution	800	800TVL	
	Wide Dynamic Range	130dB Max		
	Sensitivity	0.02	LLux	
	S/N Ratio	52	dB	
	Day / Night	Software (Controll	ed
Lens	Туре	Fixed or \	/ari-Foc	al
	Focal Length	Varies optio	ns avail	able
	Optical Dual Vari-Focal	Ye	es	
	Flickerless	On,	Off	
	Wide Dynamic Range	Off/Low/M	edium/F	High
	HLC (High Light Supp)	Off/Low/M	edium/F	High
	BLC (Back Light Comp)	Off/Low/M	edium/F	High
	DEFOG	Off/Low/M	edium/F	
	AGC	Off/Adjust	able Lev	/el
	Sens Up	Adjustable level		
	Digial Image Stabilization	-		
	Electronic shutter	YES		
	Camera Name	Off/On, 15	, 15 Characters	
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/Medium/High 0.35~0.55		High
	Gamma			
	Image functions	Flip, Mirror, D-	Zoom,N	1-Zoom
Input/Output	Video Output	CVBS 1.0	Vp-p 75	Ω
	Programming interface	in-line Pro	ogramm	er
		Optional UT	C Contr	oller
Power	Voltage	12VD	C ±10	
	Power	3W	Max.	
Environmental	Operating Temperature	-10°C^	+50°C	
	Humidity	Less than 90%,	non con	densing
Physical	Construction	Metal She	ell/Brack	et
,	Dimensions	46 H x 46		
	Depth			
	Weight	Varies depending on lens configuration 80g		- Garage
	Mounting	M4 Stud with		knob
Order ID	2.5mm	in31S2N1L25		1S2P1L25
	3.0mm	in31S2N1L30		1S2P1L30
	3.6mm	in31S2N1L36		1S2P1L36
	2.8~12mm	in31S2N1L28V12		S2P1L28V12
	3.5~16mm	in31S2N1L35V16		S2P1L35V16
	1	1		=======









1/3"CCD Special Application Camera















The **inMotion** in31S3x2L series of cameras use the industry standard Sony SuperHAD II CCD. Offering >600TVL Resolution, Low Light and WER performance combined with Adaptive 2D Digital Noise Reduction, these speciality cameras will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in31S3x2L series is compact and flexible enough to meet any installation requirements. Use in ATM's, Gaming, Fast food windows, many other specilty applications.

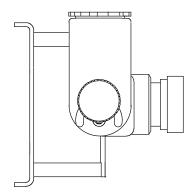
- 1/3" Sony SuperHAD II CCD
- >600 TVL
- Multiple lens option
- Software Day/Night Function
- Min. Illumin. 0.05 Lux@ 50 IRE F1.2 Color

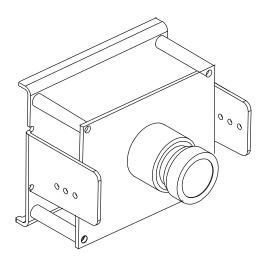
Asia

- Wide Extended Range (WER)
- Adaptive 2D DNR

- ATW / AWC White Balance
- CVBS Analogue Video Output
- 12VDC Powered
- Optional 24VAC power converter
- Privacy Zones
- Motion Detection
- in-line Joystick programmer







	System	P/		NTSC
CCD	Sensor	1	1/3" Sony S	uper HAD II
	Effective Pixels	752x582 768x4		768x494
Performance	Resolution		>60	OTVL
	Sensitivity		0.05Lux (0	Col), 50IRE
	S/N Ratio		52	dB
	Day / Night		Software	Controlled
Lens	Туре	[OC Varifoca	l or Manual
	Focal Length Options	2.5mm	2.9mm	3.8mm 4-9mm
Functions	OSD		English/	Chinese
	Shutter	1/50~1/	120,000	1/60~120,000
	Flickerless		On,	Off
	Wide Extended Range	(Off/Low/M	edium/High
	AGC		Adjustal	ole Level
	Electronic shutter	Off/C	n 1/200,00	00 sec maximum
	Sync	Internal		rnal
	Camera ID	(Off/On 256	Characters
	White Balance	ATW/Push/Manual Off/Low/Middle/High 0.45/0.7/1.0 Adjustable 4 areas, Off/On, Position & Sensitiv 4 areas, Off/On, Color, Position		h/Manual
	2D Adaptive DNR			1iddle/High
	Gamma).7/1.0
	Chroma Gain			stable
	Motion Detection			sition & Sensitivity
	Privacy masking			, Color, Position
	Image functions		Sharpnes	ss, Mirror
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω BNC		-p 75Ω BNC
	Programming interface		in-line	joystick
Power	Voltage		12VDC	±10%
	Power		1.8W	/ max
Physical	Dimensions	-		nm H x 43mm D
	Depth	Varies de	epending o	n lens configuration
	Weight		80	Og
	Construction		Meta	l Case
	Mounting	М	4 Stud with	n Thumbknob
Environmental	Operating Temperature		-10°C	~+50°C
	Humidity	Less	than 90%,	non condensing
Order Codes	2.5mm	in31S3	P2L25	in31S3N2L25
<u> </u>	2.9mm	in31S3	P2L29	in31S3N2L29
	3.8mm	in31S3	P2L38	in31S3N2L38
	4-9mm	in31S3I	P2L4V9	in31S3N2L4V9
	Power Converter		inAD	AC24





45S9N2L28V12IR

1/3" Internal CCD IR Dome Camera

















The **inMotion** in45S9N2L28V12IR polycarbonate internal dome camera features high resolution video, vari focal lens, a 3-Axis gimbal along with IR illumination. These dome cameras will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in45S9N2L IR Dome is compact and flexible enough to meet any installation requirements.

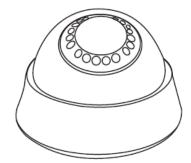
- Compact Polycarbonate Shell & Bubble
- 3-Axis Gimbal
- 2.8-12mm Varifocal lens
- (960H) CCD Sensor
- 700 TVL

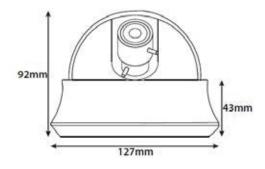
- 21 Piece IR ring, Effective IR distance: 20 Meters
- Day/Night Function
- Min. Illumin. 0 Lux (IR ON)
- CVBS Analogue Video Output
- 12VDC/24VAC, 24VAC Power Converter included

Asia Europe USA



	System	NTSC
CCD	Sensor	Advanced High Sensitivity Sensor
	Effective Pixels	976x494
Performance	Resolution	700TVL
	Sensitivity	0 Lux (IR On)
	S/N Ratio	>50dB
	Day / Night	Yes
Lens	Туре	Varifocal
	Focal Length	2.8~12mm
Output	Video Output Main	CVBS 1.0Vp-p 75Ω BNC
IR	21 LED's	20 Meters Effective
Power	Voltage	12VDC ±10%
	Dual Voltage Adaptor	inADAC24 included
	Power	300mA max
Physical	Dimensions	127mm Ø x 92mm
	Weight	210g
	Construction	Polycarbonate shell & bubble
	Mounting	Surface
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	White Dome	in45S9N2L28V12IR
	Black Dome	in45S9N2L28V12IR-B









1/3"Compact Indoor WDR **Dome Camera**





















The inMotion in51S2x2D is the next generation in our line of ultra compact vandal resistant domes. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in51S2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- 3-Axis Gimbal
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- **DEFOG**
- **Digital Image Stabilization**

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- **Privacy Zones**
- **Motion Detection Zoom Function**
- On board Service Jack/Programmer
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

Asia Europe

in Motion International Ltd

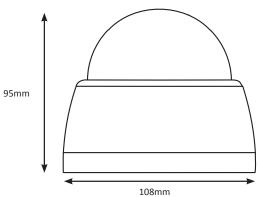


PAL

NTSC

Imaging	Sensor	Mega Pixel Sensor		
	Effective Pixels	1305x1049		
Performance	Resolution	800	TVL	
	Wide Dynamic Range	130d	В Мах	
	Sensitivity	0.01Lux		
	S/N Ratio	52	dB	
	Day / Night	Software	Controlled	
Lens	Туре	C	C	
	Focal Length	2.8~12mm	3.5~16mm	
	Optical Dual Vari-Focal	2.8~16mm	3.5~22mm	
Functions	OSD	English/	Chinese	
	Shutter	1/50~1/	120,000	
	Flickerless	On,	/Off	
	Wide Dynamic Range	Off/Low/M	edium/High	
	HLC (High Light Supp)	Off/Low/M	edium/High	
	BLC (Back Light Comp)		edium/High	
	DEFOG	Off/Low/M	edium/High	
	AGC		table Level	
	Sens Up		ble level	
	Digial Image Stabilization		ES	
	Electronic shutter	YES		
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 15 Characters		
	White Balance	ATW/Pus	h/Manual	
	3D DNR	Off/Low/M	edium/High	
	Gamma	0.35	~0.55	
	Chroma Gain	Adjus	stable	
	Motion Detection	4 areas, Off/On, Po	sition & Sensitivity	
	Privacy masking	8 areas, Off/On	, Color, Position	
	Image functions	Flip, Mirro	or, D-Zoom	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω	
	Programming interface	On Board :	Service Jack	
		Optional UT	C Controller	
Power	Voltage	12VDC/24	VAC ±10%	
	Power	4.2W	Max.	
Environmental	Operating Temperature	-10°C′	~+50°C	
	Humidity	Less than 90%,	non condensing	
Physical	Construction	Aluminum shell. po	lycarbonate bubble	
,	Dimensions		x 95mm H	
	Weight		00g	
Order Codes	2.8~12mm	in51S2N2D28V12	in51S2P2D28V12	
	3.5~16mm	in51S2N2D35V16	in51S2P2D35V16	
	10:0 10::::::		13132, 2233 710	

System







1/3" Internal WDR Dome Camera



















The **inMotion** in51S8x2D Series Compact vandal resistant internal dome cameras use our new Shark WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in51S8x2D series is compact and flexible enough to meet any installation requirements.

- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- 1/3" Image Sensor
- Wide Dynamic Range (WDR) 100db

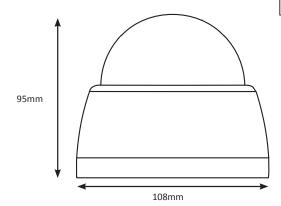
Asia

- 620TVL
- 2.8~12mm Varifocal DC lens
- 3-Axis Gimbal

- Software Day/Night Function
- Min. Illumin. 0.5 Lux
- 2D DNR
- Auto White Balance
- CVBS Analogue Video Output
- Dual Voltage
- Service Jack & OSD Programming Joystick



Imager	Sensor	1/3" High Sen	sitivity Sensor
	Effective Pixels	756 (H)	x 504 (V)
Performance	Resolution	620	TVL
	Sensitivity	0.5Lux (Col), 50IRE	
	S/N Ratio	50dB	
	Wide Dynamic Range	100d	В Мах
	Day / Night	Software	Controlled
Lens	Туре	DC Va	rifocal
	Focal Length	2.8~1	2mm
Functions	OSD	•	'Chinese
	Wide Dynamic Range		lium/High
	AGC	Adjustal	ble Level
	Electronic shutter	Off	/On
	Sync	Internal	
	White Balance	AWB/Manual Level Control Level Control	
	Brightness		
	Contrast		
	Sharpness	Level Control	
	Mirror	H/V/HV	
Input/Output	Video Output		Vp-p 75Ω
	Programming interface		Service Jack
Power	Voltage	12VDC/24	VAC ±10%
	Power	4.2W	/ max
Physical	Dimensions	108mm Ø	x 95mm H
	Weight		0g
	Construction	Aluminum shell & P	olycarbonate bubble
	Mounting		face
Environmental	Operating Temperature		~+50°C
	Humidity	Less than 90%,	non condensing
Ordering codes		NTSC	PAL
		in51S8N2D28V12	in51S8P2D28V12







1/3" Internal WDR Dome Camera



















The **inMotion** in52S8x2D Series compact tamper resistant internal dome cameras use our new Shark WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in52S8x2D series is compact and flexible enough to meet any installation requirements.

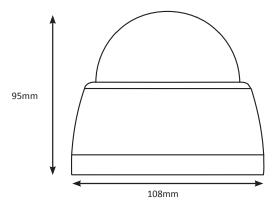
- Compact Polycarbonate Case
- White or Black Case Available
- inMotion inViVid® Color Technology
- 1/3" Image Sensor
- Wide Dynamic Range (WDR) 100db
- 620TVL
- 2.8~12mm Varifocal DC lens
- 3-Axis Gimbal

- Software Day/Night Function
- Min. Illumin. 0.5 Lux
- 2D DNR
- Auto White Balance
- OSD Menu
- CVBS Analogue Video Output
- Dual Voltage
- Service Jack & OSD Programming Joystick

Asia Europe USA



Imager	Sensor	1/3" High Sen	sitivity Sensor
	Effective Pixels	756 (H) :	x 504 (V)
Performance	Resolution	620	TVL
	Sensitivity	0.5Lux (C	ol), 50IRE
	S/N Ratio	50	dB
	Wide Dynamic Range	100dl	В Мах
	Day / Night	Software (Controlled
Lens	Туре	DC Va	rifocal
	Focal Length	2.8~1	.2mm
Functions	OSD	English/	'Chinese
	Wide Dynamic Range	Low/Med	lium/High
	AGC	Adjustal	ole Level
	Electronic shutter	Off,	/On
	Sync	Inte	rnal
	White Balance	AWB/N	Manual
	Brightness	Level Control Level Control	
	Contrast		
	Sharpness	Level Control	
	Mirror	H/V/HV	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	On Board S	Service Jack
Power	Voltage	12VDC/24	VAC ±10%
	Power	4.2W	/ max
Physical	Dimensions	108mm Ø	x 95mm H
	Weight	45	0g
	Construction	Polycarbonate	e shell/bubble
	Mounting		face
Environmental	Operating Temperature	-10°C^	~+50°C
	Humidity	Less than 90%,	non condensing
Ordering codes		NTSC	PAL
	White Housing	in52S8N2D28V12	in52S8P2D28V12
	Black Housing	in52S8N2D28V12B	in52S8P2D28V12B







1/3" Compact Indoor Dome























The inMotion in51S9x2D Series is the latest release in our line of compact vandal resistant dome cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in51S9x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Aluminium Case
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- ⅓" Advanced High Sensitivity Sensor
- 700 TVL
- Software Day/Night Function
- Min. Illumin. 0.05 Lux
- Digital Wide Extended Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- **DEFOG**
- 3D DNR

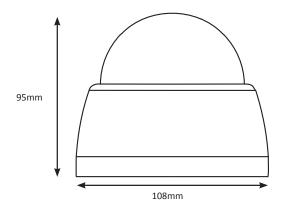
- Sens Up (512x)
- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- **Privacy Zones**
- **Motion Detection**
- 3-Axis Gimbal
- Service Jack
- iCCTV[™] compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

Asia Europe

in Motion International Ltd



	System	PAL	NTSC
CCD	Sensor	1/3" Advanced Hig	h Sensitivity Sensor
	Effective Pixels	976x582	976x494
Performance	Resolution	700	TVL
	Sensitivity	0.05	5Lux
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Туре	D	С
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000 1/60~120,000	
	Flickerless	On/Off	
	D-WDR	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level 512x	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 8 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Sharpness, Mirror	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	On Board Service Jack	
Power	Voltage	12VDC/24VAC +/-10%	
	Power	4.2W Max	
Physical	Construction	Aluminum Shell, Polycarbonate bubble	
•	Dimensions	108mm W x 95mm H	
	Weight	550g	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes	Lens	PAL	NTSC
	2.8~12mm	in51S9P2D28V12	in51S9N2D28V12
	9~22mm	in51S9P2D9V22	in51S9N2D9V22
	18~50mm	in51S9P2D18V50	in51S9N2D18V50



** Optional Feature





Outdoor Anti Vandal WDR Dome Camera





















The inMotion in61S2x2D is the next generation in our line of compact Outdoor WDR vandal resistant domes. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D digital noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in61S2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- IP66
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection Zoom Function
- On board Service Jack/Programmer
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

Asia Europe USA

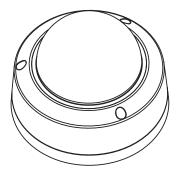


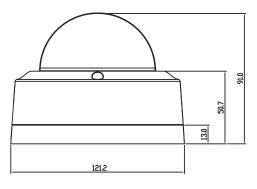
PAL

NTSC

		i	•	
Imaging	Sensor	Mega Pixel Sensor		
	Effective Pixels	1305	1305x1049	
Performance	Resolution	800TVL		
	Wide Dynamic Range	130dB Max		
	Sensitivity	0.02	lLux	
	S/N Ratio	52	dB	
	Day / Night	Software	Controlled	
Lens	Туре	DC		
	Focal Length	2.8~12mm	3.5~16mm	
	Optical Dual Vari-Focal	2.8~16mm	3.5~22mm	
Functions	OSD	English/Chinese		
	Shutter	1/50~1/	120,000	
	Flickerless	On/Off		
	Wide Dynamic Range	Off/Low/Medium/High		
	HLC (High Light Supp)	Off/Low/Medium/High		
	BLC (Back Light Comp)	Off/Low/Medium/High		
	DEFOG	Off/Low/Medium/High		
	AGC	Off/Adjustable Level		
	Sens Up	Adjustable level		
	Digial Image Stabilization	YES		
	Electronic shutter	YES		
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 15 Characters		
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/Medium/High		
	Gamma	0.35~0.55		
	Chroma Gain	Adjustable		
	Motion Detection	4 areas, Off/On, Position & Sensitivity		
	Privacy masking	8 areas, Off/On, Color, Position		
	Image functions	Flip, Mirror, D-Zoom		
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω		
	Programming interface	On Board Service Jack		
		Optional UTC Controller		
Power	Voltage	12VDC/24VAC ±10%		
	Power	4.2W Max.		
Environmental	Operating Temperature	-10°C~+50°C		
	Humidity	Less than 90%, non condensing		
Physical	Construction	Aluminum shell, Polycarbonate bubble		
<u> </u>	Dimensions	· · · · · · · · · · · · · · · · · · ·	n x 91mm	
	Weight	55	0g	
Order Codes	2.8~12mm	in61S2N2D28V12	in61S2P2D28V12	
	<u> </u>			

System





inMotion International reserve the right to amend specifications and design without prior notice

in61S2P2D35V16

in61S2N2D35V16

3.5~16mm





Outdoor Anti Vandal IR WDR Dome Camera























The inMotion in61IRT2x2D is the next generation in our line of compact Outdoor WDR vandal resistant domes. Offering ultra high 800TVL resolution, IR LED array, Wide-D WDR performance combined with 3D digital noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in61IRT2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- **IP66**
- Mega Pixel Sensor
- Ultra High 800 TVL
- True Day/Night Function
- 25 IR LED's
- Min. Illumin. 0 Lux IR on, 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- **DEFOG**
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- **Privacy Zones**
- Motion Detection Zoom Function
- On board Service Jack/Programmer
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

Asia Europe

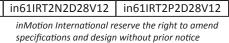


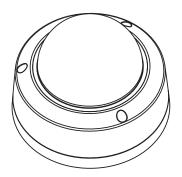
PAL

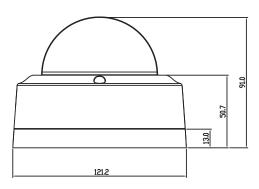
NTSC

	1 '		
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0 Lux IR on, 0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Mechanical	
Lens	Type	DC	
	Focal Length	2.8~12mm	
	Optical Dual Vari-Focal	2.8~16mm	
IR	LED's	25	
	Effective Range	15~25 Meters	
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	On Board Service Jack	
		Optional UTC Controller	
Power	Voltage	12VDC/24VAC	
	Power	6W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell, Polycarbonate bubble	
•	Dimensions	121.2mm x 91mm	
	Weight	550g	
0.1.0.1	12.0042	: CALDTANADAO (4.2 : CALDTADADAO (4.2	

System







ASIA Offices:

2.8~12mm

Order Codes





DUCS2x1L30 series

Drive-Up/Counter Camera





















CCTV

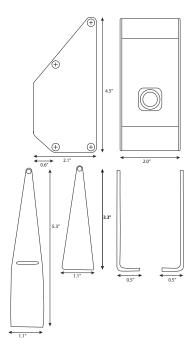
The **inMotion Drive-Up/Counter Camera** uses the latest in WDR performance chipsets. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The small footprint of the camera allows versitility for placement and mounting. Capture full facial views of the person as they walk up to the counter or desk or as they drive up to the service window. Get the quality image you need with inMotion's Drive-Up/Counter Camera.

- Mount to Counters/Desktops/Window Mullions
- Small Footprint
- Multiple Mounting Brackets
- Capture Full Facial images
- 3mm lens
- Black Finish
- Easy installation
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using optional power converter)



Dimensions



	System	PAL	NTSC
Imaging	Sensor	Mega Pixel Sensor 1305x1049	
	Effective Pixels		
Performance	Resolution	800	TVL
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52	dB
	Day / Night	Software (Controlled
Lens	Туре	Fixed	
	Focal Length	3mm	
	Optical Dual Vari-Focal	4.2mm	
	Mount	12mm	
Functions	OSD	English/	Chinese
	Shutter	1/50~1/120,000	1/60~120,000
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Digital Slow Shutter	Adjusta	ble level
	Digial Image Stabilization	YI	ES
	Electronic shutter	YI	ES
	Sync	Internal/External	
	Camera ID Number	Off/On	1~256
	Camera Name	e Off/On, 8 Characters	
	White Balance		
	3D DNR		
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	Motion Detection 4 areas, Off/On, Positio	
	Privacy masking	8 areas, Off/On	, Color, Position
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	Optional UTC Controller	
Power	Voltage	12VDC ±10% 3W Max.	
	Power		
Physical	Dimensions (mm)	114.3 H x 52.07 W x 53.34D 80g	
	Weight		
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes		inDUCS2N1L30	
Converter	24VAC to 12VDC	PC500S	





HS2x1L30 series



Height Strip Camera



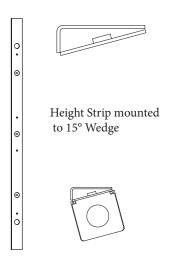
The inMotion Height Strip Camera uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this camera will produce high quality video in the varying lighting conditions experienced in modern installations. The height strip allows you to capture a full facial view at eye level as the person exits the premises. Capture the quality image you need with inMotion's Height Strip Camera.

- Fits Standard Door Frames
- Accepts 2 Camera Modules
- Highly visible color coded height levels
- 3mm lens
- Bronze or Aluminium Finish
- Optional 15° Mounting Wedge
- Custom colors available
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- Defog

- Optical Dual Vari-Focal
- **Digital Image Stabilization**
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- **Privacy Zones**
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC
- 24VAC Optional

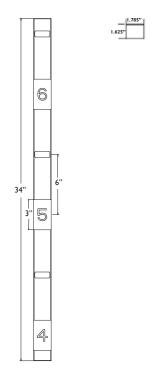
in Motion International Ltd





15° Mounting Wedge



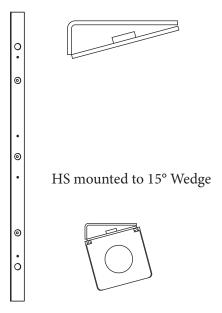


	System	PAL	NTSC
Imaging	Sensor	Mega Pix	el Sensor
	Effective Pixels		x1049
Performance	Resolution	800)TVL
	Wide Dynamic Range	130 dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software	Controlled
Lens	Туре	Fix	red
	Focal Length	3mm	
	Optical Dual Vari-Focal	4.2mm	
	Mount	12mm	
Functions	OSD	English/	Chinese
	Shutter	1/50~1/120,000 1/60~120,000	
	Flickerless		/Off
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)		edium/High
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG		edium/High
	AGC	Off/Adjustable Level	
	Digital Slow Shutter	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 8 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	Optional UTC Controller	
Power	Voltage	12VDC	±10%
	Power	3W Max.	
Physical	Dimensions (inch)	34"H x 1.785" W x 1.625"D	
	Weight	6.2lbs	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes	Aluminum Finish	inHS2N	
		inHSWA 1	.5° Wedge
		inHSTKIT1	
	Bronze Finish	inHS2N	
		inHSWB 15° Wedge	
		inHSTKIT2	
Kit Includes	Height Strip, 15° Wedge, Dual Voltage Power Converter		





15° Mounting Wedge for Height Strip



15° Mounting Wedge

This Wedge Mount allows for an expanded field of view from the Height Strip Camera. This unit can be used on righthand or lefthand installations.

- Metal Construction
- 15° Wedge
- Easy Mounting
- Use on Left Hand or Right Hand Installations
- Bronze or Aluminum Finish

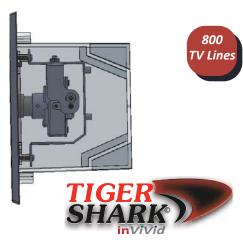




WALLS2N1L30

inWall Camera

















PCCTV

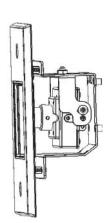
The **inMotion inWall Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The camera mounts inside a singel gang pop in box which allows versitility for placement . Get the quality image you need with inMotion's inWall Camera.

- Mount to a single gang pop in box
- Adjustable Pan & Tilt angle
- Multiple Faceplates (Stainless, White, Beige)
- Clear and Tinted Windows
- 3mm lens
- Easy installation
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using optional power converter)



	System	PAL	NTSC	
Imaging	Sensor	Mega Pixel Sensor		
	Effective Pixels	1305x1049		
Performance	Resolution	800	TVL	
	Wide Dynamic Range	130dl	3 Max	
	Sensitivity	0.01	LLux	
	S/N Ratio	52	dB	
	Day / Night	Software (Controlled	
Lens	Туре	Fix	ed	
	Focal Length	3n	nm	
	Optical Dual Vari-Focal	4.2	mm	
	Mount	12r	nm	
Functions	OSD	English/	Chinese	
	Shutter	1/50~1/120,000	1/60~120,000	
	Flickerless	On,	Off	
	Wide Dynamic Range	Off/Low/M	edium/High	
	HLC (High Light Supp)	Off/Low/M	edium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High		
	DEFOG	Off/Low/Medium/High		
	AGC	Off/Adjustable Level		
	Digital Slow Shutter	Adjustable level		
	Digial Image Stabilization	YES		
	Electronic shutter YES		ES .	
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 8 Characters		
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/Medium/High		
	Gamma	0.35~0.55		
	Chroma Gain	Adjus	table	
	Motion Detection	4 areas, Off/On, Position & Sensitivity		
	Privacy masking	8 areas, Off/On	, Color, Position	
	Image functions	Flip, Mirro	r, D-Zoom	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω	
	Programming interface	Optional UT	C Controller	
Power	Voltage	12VDC	±10%	
	Power	3W Max.		
Physical	Dimensions (mm)	114.3 H x 69.85 W x 50.8D		
	Weight	181g		
Environmental	Operating Temperature	-10°C^	′+50°C	
	Humidity	Less than 90%, non condensing		
Order Codes	3mm	inWALLS	S2N1L30	
Power Converter	24VAC to 12VDC	PC5	00S	



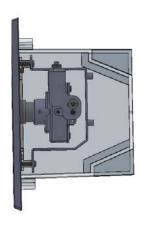




WALLS8x1L30

inWall Camera

















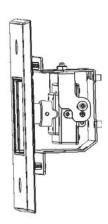
The **inMotion inWall** Camera use our new SHARK WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The camera mounts inside a single gang pop in box which allows versatility for placement. Get the quality image you need with inMotion's inWall Camera.

- Mount to a single gang pop in box
- Adjustable Pan & Tilt angle
- Multiple Faceplates (Stainless, White, Beige)
- Clear and Tinted Windows
- 3.0mm lens (other options available)
- Easy installation
- High Resolution 620 TVL
- Software Day/Night Function

- Min. Illumin. 0.5 Lux
- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- CVBS Analogue Video Output
- OSD Menu
- 12VDC
- 24VAC (when using optional power converter)



Imager	Sensor	1/3" High Sensitivity Sensor	
	Effective Pixels	756 (H) :	(504 (V)
Performance	Resolution	620TVL	
	Sensitivity	0.5Lux (C	ol), 50IRE
	S/N Ratio	50	dB
	Wide Dynamic Range	100df	3 Max
	Day / Night	Software (Controlled
Lens	Focal Length	Fixed 3	3.0mm
	Mount	12r	nm
	Optional Lenses	3m	ım
Functions	OSD	English/	Chinese
	Wide Dynamic Range	Low/Med	ium/High
	AGC	Adjustal	ole Level
	Electronic shutter	Off/On	
	Sync	Internal	
	White Balance	AWB/Manual	
	Brightness	Level Control	
	Contrast	Level Control	
	Sharpness	Level Control	
	Mirror	H/V/HV	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	in line Pro	grammer
Power	Voltage	12VDC	±10%
	Power	3W	max
Physical	Dimensions	36 H x 36	W x 32 D
	Weight	80)g
	Mounting	Surf	ace
Environmental	Operating Temperature	-10°C^	′+50°C
	Humidity	Less than 90%,	non condensing
Ordering codes		NTSC	PAL
	3.0mm	inWALLS8N1L30	inWALLS8P1L30
Power Converter		inPC500S	







Teller Camera Series





















The *inMotion* Teller Cameras are designed for applications where high resolution close ups are required of individuals during transactions.

The cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, desks/counters or other locations where transactions or information exchange may take place.

Applications:

- Banking
- Retail
- Customer Services desks

Features:

- Blank Plate, FDIC or NCUA regulatory signage options.
- Desk Top Mounting
- 3.0mm Lens
- Tigershark WDR Sensor
- inMotion inViVid® Color Technology
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Car Rental
- Airline Security
- Licensing
- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer



	System	P.	AL	NTSC	
Imaging	Sensor	Mega Pixel Sensor		r	
	Effective Pixels		1305x1049		
Performance	Resolution		800TVL		
	Sensitivity	0.01Lux			
	Wide Dynamic Range	130dB Max			
	S/N Ratio		52dB		
	Day / Night		Software Controlle	d	
Lens	Туре		Fixed 3.0mm		
	Mount		12mm		
Functions	OSD		English/Chinese		
	Shutter	1/50~1,	/120,000	1/60~120,000	
	Flickerless		On/Off		
	Wide Dynamic Range	(Off/Low/Medium/H	igh	
	HLC (High Light Supp)	(Off/Low/Medium/H	igh	
	BLC (Back Light Comp)	(Off/Low/Medium/H	igh	
	DEFOG	(Off/Low/Medium/High		
AGC			Off/Adjustable Lev	el	
	Digital Slow Shutter	Adjustable level			
Digial Image Stabilization		YES			
	Electronic shutter	YES			
	Sync		Internal/External		
	Camera ID Number		Off/On 1~256		
	Camera Name		Off/On, 8 Characte	rs	
	White Balance		ATW/Push/Manua	nl .	
	3D DNR	(Off/Low/Medium/H	igh	
	Gamma		0.35~0.55		
	Chroma Gain		Adjustable		
	Motion Detection	4 areas,	Off/On, Position &	Sensitivity	
	Privacy masking	8 are	eas, Off/On, Color, P	osition	
	Image functions		Flip, Mirror, D-Zooi	m	
Input/Output	Video Output		CVBS 1.0Vp-p 75Ω	Σ	
	Programming interface	Optional UTC Controller			
Power	Voltage		12VDC/24VAC ±10	%	
	Power	4.2W Max.			
Physical	Dimensions (inch)	4.5""H x 8.5" W x 2.094""D		4""D	
	Weight	1.2lbs			
Environmental	Operating Temperature	re -10°C~+50°C			
	Humidity	Less	than 90%, non cond	densing	
Order Codes	Signage	FDIC	NCUA	Blank	
		inTLCFS2N2D30	inTLCNS2N2D30	inTLCBS2N2D30	





inTC16S2N2D30 inTC24S2N2D30

Tower Camera Series

















The *inMotion* Tower Cameras are designed for applications where high resolution close ups are required of individuals during transactions.

The cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, or other locations where transactions may take place.

Applications:

- Banking
- Retail
- Immigration Control

Features:

- 16" or 24" High Standard Housings
- Counter Top Mounting
- 3.0mm Lens
- Tigershark WDR Sensor
- inMotion inViVid® Color Technology
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Car Rental
- Airline Security
- Licensing
- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer



	System	PAL		NTSC
Imaging	Sensor	Mega Pix	el Sensor	
	Effective Pixels	1305x1049		
Performance	Resolution	800	TVL	
	Sensitivity	0.01	1Lux	
	Wide Dynamic Range	130dI	В Мах	
	S/N Ratio	52	dB	
	Day / Night	Software (Controlled	
Lens	Туре	Fixed 3	3.0mm	
	Mount	12r	mm	
Functions	OSD	English/	'Chinese	
	Shutter	1/50~1/120,000		1/60~120,000
	Flickerless	On,	/Off	
	Wide Dynamic Range	Off/Low/M	edium/Hig	h
	HLC (High Light Supp)	Off/Low/M	edium/Hig	h
	BLC (Back Light Comp)	Off/Low/M	edium/Hig	h
	DEFOG	Off/Low/M	edium/Hig	h
	AGC	Off/Adjustable Level		
	Digital Slow Shutter	Adjustable level		
	Digial Image Stabilization	YES		
	Electronic shutter	YES		
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 8 Characters		
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/M	edium/Hig	h
	Gamma	0.35	~0.55	
	Chroma Gain	Adjus	stable	
	Motion Detection	4 areas, Off/On, Po	sition & Se	ensitivity
	Privacy masking	8 areas, Off/On	, Color, Po	sition
	Image functions	Flip, Mirro	or, D-Zoom	
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω	
	Programming interface	Optional UTC Controller		er
Power	Voltage	12VDC/24	VAC ±10%)
	Power	4.2W Max.		
Environmental	Operating Temperature	Temperature -10°C~+50°C		
	Humidity	Less than 90%,	non conde	ensing
Order Codes	Housing Height	16"		24"
	3.0mm Lens	inTC16S2N2D30	inTo	C24S2N2D30





High Resolution, WDR Camera Modules







The inMotion inCM32S2x1L Series is the next generation in our line of ultra compact WDR camera modules. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, these cameras will produce high quality video in the varying lighting conditions experienced in modern installations.

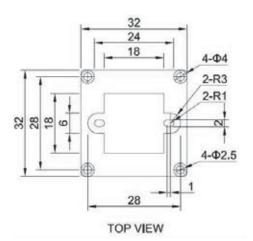
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Variety of Lens Options
- Custom Board Sizes
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

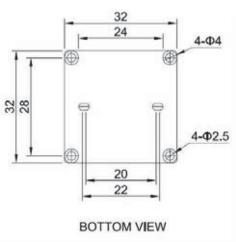
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- Analogue Video Output
- OSD Menu
- iCCTV[™] compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- 12VDC

in Motion International Ltd



Board Dimensions





	System	PAL	NTSC	
Imaging	Sensor	Mega Pix	el Sensor	
	Effective Pixels	1305>	(1049	
Performance	Resolution	800	TVL	
	Wide Dynamic Range	130dB		
	Sensitivity	0.01Lux		
	S/N Ratio	52	dB	
	Day / Night	Software (Controlled	
Lens	Туре	Fixed or \	/ari Focal	
	Mount	12 mm, 1	4mm, CS	
Functions	OSD	English/	Chinese	
	Shutter	1/50~1/120,000	1/60~120,000	
	Flickerless	On/	'Off	
	Wide Dynamic Range	Off/Low/Me	edium/High	
	HLC (High Light Supp)	Off/Low/Me	edium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High		
	DEFOG	Off/Low/Medium/High		
	AGC	Off/Adjustable Level		
	Digital Slow Shutter	Adjustable level		
	Digial Image Stabilization	YES		
	Electronic shutter	YES		
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 8 Characters		
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/Me	edium/High	
	Gamma	0.35^	0.55	
	Chroma Gain	Adjus	table	
	Motion Detection	4 areas, Off/On, Po	sition & Sensitivity	
	Privacy masking	8 areas, Off/On,	, Color, Position	
	Image functions	Flip, Mirror, D-Zoo	m,Motion D-Zoom	
	LSC (Lens Shading)	Ye	2S	
Input/Output	Video Output	VBS 1.0Vp-p 75Ω		
	Cable	Custom Cab	les available	
	Programming interface	5 Pins of 10 P	in Connector	
		Optional UT	C Controller	
Power		12VDC		
Environmental	Operating Temperature	-10°C~	′+60°C	
	Humidity	Less than 90%, i	non condensing	
Order Codes	32mmx32mm Board	inCM32S2P1Lxx	inCM32S2N1Lxx	





1/3" WDR, SDN Camera Module

















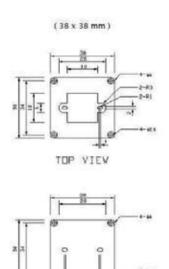
The **inMotion inCM38S8x1L** camera modules use our new Shark WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, these camera modules will produce high quality video in the varying lighting conditions experienced in modern installations.

- inMotion inViVid® Color Technology
- 1/3" Image Sensor
- 620TVL
- Fixed and Vari Focal Lens Options
- Software Day/Night Function
- Min. Illumin. 0.5 Lux@ 50 IRE Color

- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- CVBS Analogue Video Output
- OSD Menu
- 12VDC

Asia Europe USA





BOTTOM VIEW

Imager	Sensor	1/3" High Sen	sitivity Sensor
	Effective Pixels	756 (H) x 504 (V)	
Performance	Resolution	620	TVL
	Sensitivity	0.5Lux (C	ol), 50IRE
	S/N Ratio	50	dB
	Dynamic Range	100d	В Мах
	Day / Night	Software	Controlled
Lens	Туре	Fixed or '	Vari Focal
	Mount	12 mm, 1	4mm, CS
Functions	OSD	English/	Chinese
	Wide Dynamic Range	Low/Medium/High	
	AGC	Adjustable Level	
	Electronic shutter	Off/On	
	Sync	Internal	
	White Balance	AWB/Manual	
	Brightness	Level Control	
	Contrast	Level Control	
	Sharpness	Level Control	
	Mirror	H/V	/HV
Input/Output	Video Output	CVBS 1.0	Vp-p 75Ω
	Programming interface	5 Pins of 10 F	Pin Connector
Power	Voltage	12VDC	±10%
	Power	3W	max
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Ordering codes		NTSC	PAL
	38x38mm Board	inCM38S8N1Lxx	inCM38S8N1Lxx





1/3" 960H High Resolution Camera Modules























The inMotion inCM32S9x1L Series is the latest release in our line of 960H CCD cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise reduction, these cameras will produce high quality video in the varying lighting conditions experienced in modern installations.

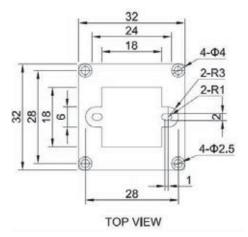
- inMotion inViVid® Color Technology
- ½" Advanced High Sensitivity Sensor
- 700 TVL
- Software Day/Night Function
- Fixed and Vari Focal Lens Options
- Custom Board Sizes
- Min. Illumin. 0.05 Lux
- Digital Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

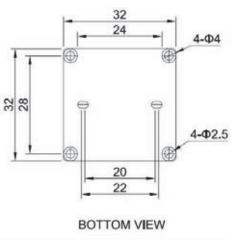
- 3D DNR
- Sens Up (512x)
- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- iCCTV[™] compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC

in Motion International Ltd



Board Dimensions





	System	PAL	NTSC	
CCD	Sensor	1/3" Advanced High	n Sensitivity Sensor	
	Effective Pixels	976x582	976x494	
Performance	Resolution	700TVL		
	Sensitivity	0.05	Lux	
	S/N Ratio	52	dB	
	Day / Night	Software (Controlled	
Lens	Туре	Fixed or \	/ari Focal	
	Mount	12 mm, 1	4mm, CS	
Functions	OSD	English/	Chinese	
	Shutter	1/50~1/120,000	1/60~120,000	
	Flickerless	On/	Off	
	D-WDR	Off/Low/Me	edium/High	
	HLC (High Light Supp)	Off/Low/Me	edium/High	
BLC (Back Light Comp)		Off/Low/Medium/High		
	DEFOG	Off/Low/Medium/High		
AGC		Off/Adjustable Level		
	Sens Up	Adjustable level 512x		
	Electronic shutter	Yes		
	Sync	Internal/External		
	Camera ID Number	Off/On 1~256		
	Camera Name	Off/On, 8 Characters		
	White Balance	ATW/Push/Manual		
	3D DNR	Off/Low/Medium/High		
	Gamma	0.35~0.55		
	Chroma Gain	Adjustable		
	Motion Detection	4 areas, Off/On, Po	sition & Sensitivity	
	Privacy masking	8 areas, Off/On	, Color, Position	
	Image functions	Sharpnes	s, Mirror	
Input/Output	Video Output	CVBS 1.0'		
	Programming interface	5 Pins of 10 P	in Connector	
		Optional UT	C Controller	
Power	L Model	12VDC		
Environmental	Operating Temperature	-10°C^	′+50°C	
	Humidity	Less than 90%,	non condensing	
Order Codes	32x32mm Board	inCM32S9P1Lxx	inCM32S9N1Lxx	

** Optional Feature





Replacement Camera Module

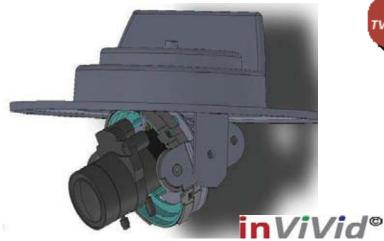












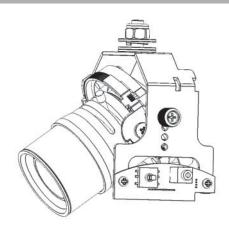
The inMotion KD5 Series replacement Camera Modules, offering 620TVL resolution, enhanced low light performance combined with Adaptive 2D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. Quick and simple installation. Module accepts existing manual iris lenses.

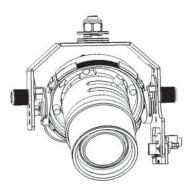
*Housing and lens image above for reference only, not included.

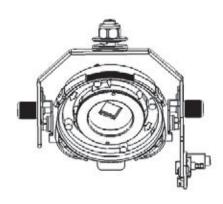
- Compact Replacment Camera Module
- Fit into existing housings
- ⅓" Sony Super HAD II CCD
- 620 TVL
- CS Mount
- Use your existing manual lens
- Software Day/Night Function
- Min. Illumin. 0.01 Lux@ F1.2
- Digital Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)

- Adaptive 2D DNR
- Selectable Shutter Speeds
- ATW / AWC White Balance
- Flickerlss Mode
- Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- Video Service output
- 12VDC









	System	PAL	NTSC	
CCD	Sensor	1/3" Sony Sup	er HAD II CCD	
	Effective Pixels	752x582	768x494	
Performance	Effective Pixels Resolution Sensitivity S/N Ratio Day / Night Type OSD Shutter Flickerless Wide Extended Range HLC (High Light Supp) BLC (Back Light Comp) DEFOG AGC Electronic shutter Sync Camera ID Number Camera Name White Balance 2D Adaptive DNR Gamma Chroma Gain	620	TVL	
	Sensor Effective Pixels Resolution Sensitivity S/N Ratio Day / Night Type OSD Shutter Flickerless Wide Extended Range HLC (High Light Supp) BLC (Back Light Comp) DEFOG AGC Electronic shutter Sync Camera ID Number Camera Name White Balance 2D Adaptive DNR Gamma Chroma Gain Motion Detection Privacy masking Image functions	0.01	LLux	
	S/N Ratio	52	dB	
	Day / Night	Software (Controlled	
Lens	Туре	CS M	ount	
Functions	OSD	Eng	lish	
	Shutter	1/50~1/120,000	1/60~120,000	
	Flickerless	On/	Off	
	Wide Extended Range	Off/Low/Mo	edium/High	
	HLC (High Light Supp)	Off/Low/Mo	edium/High	
	BLC (Back Light Comp)	Off/Low/Mo	edium/High	
	DEFOG	Off/Low/Medium/High		
	AGC	Adjustable Level		
	Electronic shutter	YES		
	Sync	Internal/	'External	
	Camera ID Number	Off/On	1~256	
	Camera Name	Off/On, 8 Characters		
	White Balance	ATW/Push/Manual		
	2D Adaptive DNR	Off/Low/Medium/High		
	Gamma	0.35~0.55		
	Chroma Gain	Adjustable		
	Motion Detection	4 areas, Off/On, Position & Sensitivity		
	Privacy masking	4 areas, Off/On	, Color, Position	
	· -	Sharpnes	ss, Mirror	
Input/Output	Video Output	1.0Vp-	·p 75Ω	
Programming interface		joystick on Service Jack		
Power	12VDC	12VDC -10% +1	.1W max ,2.1W	
Environmental	Operating Temperature		′+50°C	
Humidity		Less than 90%, non condensing		
Order Codes	Module	inKD5	S4N2L	
	Service/Programming Cable	inCA	SVC	

** Optional Feature





D1 / 960H DVR Series



The **inMotion** DVR600RT series D1/960H Real Time DVRs are offered with 4, 8 or 16 analogue inputs, a selection of hard disk sizes and a range of features to fulfill the requirements of most CCTV installations. The DVR suports audio on each channel along with the ability to support a range of different telemetry protocols. In addition, the DVR offers streaming video to a web browser, a range of mobile devices and for more complex management requirements, Central Management Software to support the remote viewing and configuration of multiple sites from one or more control centers.

Features

- 4, 8 or 16 channel Video and Audio recording
- WD1, WHD1, WCIF, D1, HD1 & CIF recording
- H.264 Video Compression
- ADPCM Audio Compression
- Dual Stream
- Mobile Device Support
- Supports up to 2 internal SATA HDD*
- Scheduled recording
- Motion and Alarm Triggered Recording

Asia

- Per Channel Configuration
- Pre-Alarm Recording
- On Screen Motion Detection Indicator
- GUI
- VGA, HDMI & Composite Video Monitor Outputs
- IR Remote Control
- USB mouse
- DVD Writer on 16 Channel Unit
- Browser Based



Model		4 Channel	8 Channel	16 Channel	
Video Input		4x BNC, NTSC or PAL	8x BNC, NTSC or PAL	16x BNC, NTSC or PAL	
Audio Input /	output	4x RCA in / 1x RCA out	8x RCA in / 1x RCA out	16x RCA in / 1x RCA out	
Display outpu	t	1x CVBS BNC, 1x VGA , 1x HDMI	1x CVBS BNC, 1x VGA , 1x HDMI	1x CVBS BNC, 1x VGA , 1x HDMI	
Display Resolu	ution	720P, :	1080P, 1024x768, 1280x1024, 136	6x768	
Recording / Pl Resolution &	•	NTSC: 120fps@WD1 PAL: 100fps@WD1	NTSC: 240fps@WD1 PAL: 200fps@WD1	NTSC: 480fps@WD1 PAL: 400fps@WD1	
Compression	Format		Video: H.264, Audio: ADPCM		
Recordign For	mats		WD1, WHD1, WCIF, D1, HD1, CIF		
Hard Disk Sup	port*	Up to 6TB, HDD x 2, SATA	A Interface (4 Channel up to 4TB,	HDD x 1, SATA interface)	
Recording Cor	ntrol	Manu	al, Scheduled, Alarm, Motion trig	gered	
Alarm I/O		4x N.O./N.C. input, 1x N.O. Relay output	8x N.O./N.C. input, 1x N.O. Relay output	16x N.O./N.C. input, 1x N.O. Relay output	
Network Inter	face		10/100Mbps, RJ45		
Network Prot	ocols		DHCP/Static, PPoE, DDNS		
Internet Band	width		Configurable		
Network Port	S		Administrator definable		
USB Ports			2		
Remote Acces	SS	Web Interface, C	MS Multi-Site Software applicatio	n, Mobile Device	
Mobile Device	Support		Android,iPhone/iPad		
PTZ Control			RS485 - Pelco P/D		
User Control		Fro	ont Panel Buttons, Mouse, IR Remo	ote	
Operating Ten	nperature		-10°C~+50°C (14°F~122°F)		
Power supply		DC12V	<2.0A , 5.0A, 6.0A (Mains PSU su	pplied)	
Dimensions ([DxWxH)	4 Channel Unit	230mm x 315mm x 44mm (9.05	5" x 12.40" x 1.75")	
		8 Channel Unit	320mm x 405mm x 64mm (12.6	3" x 15.95" x 2.51")	
		16 Channel Unit	435 mm x 440mm x 70mm (17.1	l2" x 17.32" x 2.75")	
Weight			1.5Kg, 3Kg, 6Kg (No Drives)		
Pal Order	1TB	inDVR604RTP-1TB	inDVR608RTP-1TB	inDVR616RTP-1TB	
Codes	2TB	inDVR604RTP-2TB	inDVR608RTP-2TB	inDVR616RTP-2TB	
4TB		inDVR604RTP-4TB	inDVR608RTP-4TB	inDVR616RTP-4TB	
	6ТВ	NA	inDVR608RTP-6TB	inDVR616RTP-6TB	
NTSC Order	1TB	inDVR604RTN-1TB	inDVR608RTN-1TB	inDVR616RTN-1TB	
Codes	2TB	inDVR604RTN-2TB	inDVR608RTN-2TB	inDVR616RTN-2TB	
	4TB	inDVR604RTN-4TB	inDVR608RTN-4TB	inDVR616RTN-4TB	
	6ТВ	NA	inDVR608RTN-6TB	inDVR616RTN-6TB	





Premium Grade LED (Backlit) CCTV monitors





The **inM400** series of monitors are available in 17" and 19" screen sizes. LED backlighting is utilised to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.

The monitors are designed to provide support for high resolution analogue cameras and use 4:3 aspect ratio panels, making them the perfect match for traditional analogue based CCTV systems without the need for image re-scaling. They are equally at home as a display unit for digital video recorders or computers.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application.

Features:

- 17"/19" Active Matrix Display
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 10,000:1 Dynamic Contrast Ratio
- 4:3 Aspect Ratio
- VGA/SVGA/XGA/SXGA modes supported
- 5ms response time
- 3D Comb Filter
- 3D De-Interlace
- Digital Noise Reduction
- Fast Switching Time

- 2x BNC Input
- 2x BNC Output
- 1x VGA Input
- 1x HDMI Input
- 1x PC Audio Input
- 2x RCA Audio input
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes
- Low Power Consumption
- Rack Mount Kit. (Optional)

Asia Europe USA

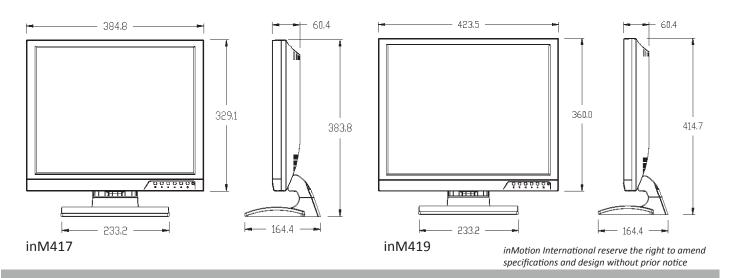


Specifications

Description		Model:	inM417	inM419	
Panel	Panel Typ	е	17" Active Matrix TFT	19" Active Matrix TFT	
Specification	Screen Si	ze (diagonal)	431mm	480mm	
	Viewable	Size (HxV)mm	337.9x270.3	376.3x301.1	
	Pixel Pitcl	h	0.264mm	0.294mm	
	Viewing A	Angle (L/R/T/B)	85/85	/80/80	
	Contrast	Ratio	1000:1	1000:1	
	Brightnes	SS	300cd/m²	300cd/m²	
	Resolutio	n	1280x1024	1280x1024	
	Display C	olours	16.	.7M	
	Response	Time	5ms	5ms	
Input/Output	PC	Frequency	FH:31.5~80KF	Iz FV::56~75Hz	
	Modes Connectors Video I/O		VGA/SVGA/XGA/SXGA		
			VGA (15p D-sub), HDMI		
			2x Channel Video BNC input c/w loop through output. 1Vp-p 75Ω		
		Standards	NTSC / PAL		
	Video Fea	atures	3D Video De-Interlace. 3D Comb Filter, Digital Noise Reduction, Color Transient Improvement, Fast Switching, PIP,POP		
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp-p@ 1KHz		
	İ	Output	3.5mm Stereo jack socket (loop out) Internal Speaker, 1.5W x2		
Power	Power Co	nsumption	15W	16W	
	Power In	put	Power Adaptor: 100~24	40VAC / Monitor 12VDC	
	Power M	anagement	VESA DPM:	S Compliant	
Physical	Net Weight Dimensions (WxHxD mm)		3.4kg	3.5kg	
			385x384x165	424x4415x165	
	VESA Mo	unt	75x75mm (bracket not supplied)		
	Operating	g Temperature	0°C~40°C		
	Storage T	emperature	-10°C~60°C		
Regulatory	Approvals	S	FCC, CE, Rol-	IS, WEEE, ErP	



Option rack mour inM1719RMK







Premium Grade LED (Backlit) CCTV monitors























The **inM497** Commercial-grade monitor features the latest is screen imaging technology for enhanced clarity and sharpness. LED backlighting is utilised to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.

The monitors are designed to provide support for high resolution analogue cameras and use 4:3 aspect ratio panels, making them the perfect match for traditional analogue based CCTV systems without the need for image re-scaling. They are equally at home as a display unit for digital video recorders or computers.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application.

Features:

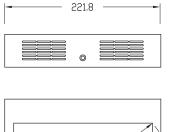
- 9.7" Active Matrix Display
- LED Backlight
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 4:3 Aspect Ratio
- VGA/SVGA/XGA/modes supported
- 4ms response time
- 3D DNR
- 3D De-Interlace
- 4H Comb Filter

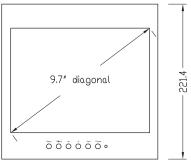
- 2x BNC Input
- 2x BNC Output
- 1x VGA Input
- 1x HDMI Input
- 1x PC Audio Input
- 2x RCA Audio input
- PIP/PBP Multi Display
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes

Asia Europe USA



Specifications

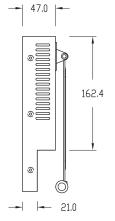


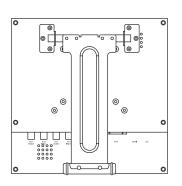


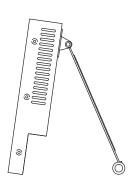




Description		Model:	inM497
Panel	Panel Type		9.7"" Active Matrix TFT
Specification	Screen Size	(diagonal)	246mm
	Backlight		Yes
	Pixel Pitch		0.192mm
	Viewing Ang	gle (L/R/T/B)	89/89/89
	Contrast Ra	tio	1000:1
	Brightness		400cd/m²
	Max Resolu	tion	1024x768
	Display Colo	ors	262K
	Response Ti	ime	4ms
Input/Output	PC	Frequency	FH:31.4~60KHz FV::70~75Hz
		Modes	VGA/SVGA/XGA
		Connectors	VGA (15p D-sub), HDMI
	Video	1/0	2x Channel Video BNC input c/w
			loop through output. 1Vp-p 75Ω
		Standards	NTSC / PAL
	Video Featu	ires	3D DNR/ Video De-Interlace.
			4D Comb Filter, Digital Noise
			Reduction, Color Transient
			Improvement, Fast Switching, PIP,POP
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp- p@ 1KHz
		Input	PC Jack
Audio	Built in Spea	akers	Yes
Language	Multiple	· · · · · · · · · · · · · · · · · · ·	Yes
Power	Power Cons	umption	15W
	Power Input		Power Adaptor: 100~240VAC / Out Output to Monitor 12VDC







inMotion International reserve the right to amend specifications and design without prior notice





Premium Grade LED (Backlit) CCTV Monitor























The **inM497-1** Commercial-grade monitor features the latest is screen imaging technology for enhanced clarity and sharpness. LED backlighting is utilised to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.

The monitors are designed to provide support for high resolution analogue cameras and use 4:3 aspect ratio panels, making them the perfect match for traditional analogue based CCTV systems without the need for image re-scaling.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application. The micro USB input can be used to display photos, play videos or messages on the screen. An accessory kit is available to convert this for use as a field test monitor.

Features:

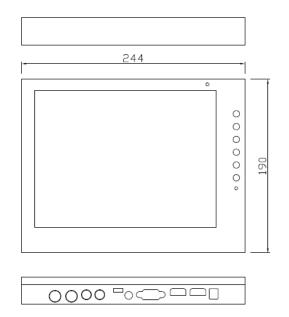
- 9.7" Active Matrix Display
- LED Backlight
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 4:3 Aspect Ratio
- VGA/SVGA/XGA/modes supported
- 4ms response time
- 3D DNR
- 3D De-Interlace
- 3D Comb Filter

- 1x BNC Input
- 1x BNC Output
- 1x VGA Input
- 2x HDMI Input
- 1x PC Audio Input
- 2x RCA Audio input
- 1x Micro USB
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes
- USB Multi-Media Player Design

Asia Europe USA

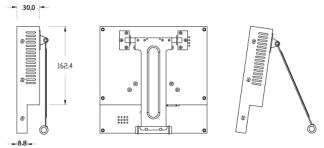


Specifications



Description		Model:	inM497-1
Panel	Panel Type	9	9.7"" Active Matrix TFT
Specification	Screen Size (diagonal)		246mm
	Backlight		Yes
	Pixel Pitch		0.192mm
	Viewing A	ngle (L/R/T/B)	89/89/89/89
	Contrast R		1000:1
	Brightness	;	400cd/m²
	Max Resol	ution	1024x768
	Display Co	lors	262K
	Response		4ms
Input/Output	PC	Frequency	FH:31.4~60KHz FV::70~75Hz
' ' '		Modes	VGA/SVGA/XGA
		Connectors	VGA (15p D-sub), 2 x HDMI
	Video	1/0	1x Channel Video BNC input c/w loop through output. 1Vp-p 75Ω
		Standards	NTSC / PAL
	Video Feat	tures	3D DNR/ Video De-Interlace. 3D Comb Filter, Digital Noise Reduction, Color Transient Improvement, Fast Switching,
	USB		1 x Micro USB
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp- p@ 1KHz
		Input	PC Jack
Audio	Built in Sp	eakers	Yes
Language	Multiple		Yes
Remote Control			included
Power	Power Cor		17W
	Power Inp	ut	Power Adaptor: 100~240VAC / Out Output to Monitor 12VDC
Physical	Net Weigh	t	1.9kg
	Dimension	is (WxHxD mm)	244x190x30
	VESA Mou	nt	75x75mm (bracket not supplied)
	Operating	Temperature	0°C~40°C
	Storage Temperature		-10°C~60°C
Regulatory	Approvals		FCC, CE, RoHS, WEEE, ErP
Ordering	9.7"		inM497-1
Accessory Kit (Field Monitor)		Kit (Field Monitor)	inM497-1-ACC



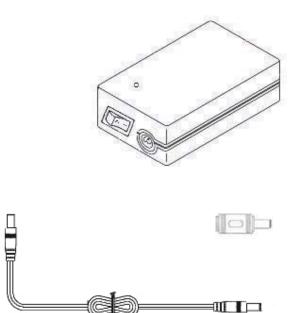






Test Monitor Accessory Kit





This kit allows you to use the 9.7" monitor as a test monitor for setting up your cameras. Contains a carry bag, 1800mA battery, cable and power adaptor. The larger screen makes camera set up and focusing extremely easy.

Accessory kit works with the inM497-1 LED Backlit Monitor

- Carry Bag
- Battery
- Power Cable
- Power Adaptor





Premium Grade Dual 9.7" LED (Backlit) CCTV monitors

























The **inM497D** LED (backlit) display monitor is a 9.7" Dual Rack mount unit, the monitors have a 4:3 aspect ratio and have a low current draw. With support for high resolution cameras, these monitors are the ideal choice for traditional analogue CCTV systems. They are also a perfect replacement for older rack mount monitors.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application.

Features:

- Dual 9.7" Active Matrix Display
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 10,000:1 Dynamic Contrast Ratio
- 4:3 Aspect Ratio
- Up to 700TV Lines Analogue Resolution
- VGA/SVGA/XGA/modes
- 4ms response time
- 4H Comb Filter
- 3D DNR
- 3D De-Interlace

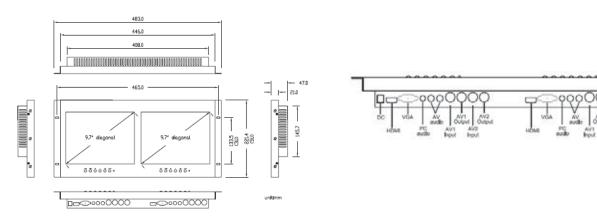
- Fast Switching Time
- 2x BNC Input (2X)
- 2x BNC Output (2X)
- 1x VGA Input (2X)
- 1x HDMI Input (2X)
- 1x Audio Input (2x)
- 1x RCA Audio input (2x)
- Low Power Consumption
- 75mm & 100mm VESA Mounting Holes
- Rack Mount Standard (5U)

Asia Europe USA



Specifications

Description		Model:	inM497D
Panel	Panel Type		9.7" Active Matrix TFT
Specification	Screen Size (diagonal)		246mm
	Backlight		LED
	Pixel Pitch		0.192mm
	Viewing Angle (L/R/T/B)		89/89/89
	Contrast Ratio		1000:1
	Brightness		400cd/m²
	Resolution		1024x768
	Display Colours		262k
	Response Time		4ms
Input/Output	PC	Frequency	FH:31.5~80KHz FV::56~75Hz
		Modes	VGA/SVGA/XGA/
		Connectors	VGA (15p D-sub), HDMI
	Video	1/0	2x Channel Video BNC input c/w loop through output. 1Vp-p 75Ω
		Standards	NTSC / PAL
		Resolution	≥700VL
	Video Features		3D Video De-Interlace. 4H Comb Filter, Digital Noise Reduction, Color Transient Improvement, Fast Switching, PIP,POP
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp-p@ 1KHz
		Output	3.5mm Stereo jack socket (loop out) Internal Speaker, 1.5W x2
Power	Power Consumption		15W per monitor 30W Max
	Power Input		Power Adaptor: 100~240VAC / Monitor 12VDC
	Power Management		VESA DPMS Compliant
Physical	Net Weight		3.1kg
	Dimensions (WxHxD mm)		446x221.4x47
	Mount		19" Rack mount or 75x75mm or 100x100 vesa
	Operating Temperature		0°C~40°C
	Storage Temperature		-10°C~60°C
Regulatory	Approvals		FCC, CE, RoHS,







Monitor Mounts





The **inMM** series of monitor mounts offer you a Fixed or Pivoting version to select from.

inMM201

- Fixed No Movement
- Low Profile Design
- Fast & Simple Mounting
- VESA 75 & 100mm
- Loading 50lbs

inMM103

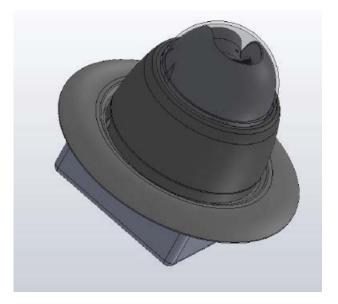
- Tilt & Swivel
- ±45° Tilt
- 180° Swivel
- Low Profile Design
- Fast & Simple Mounting
- VESA 75 & 100mm
- Loading 30lbs





Electrical Box Adapter Plate



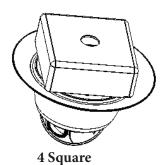


The inMotion inCA514SMP Electrical Box Adapter Plate is used to mount the in51 Series domes on a variety of electrical boxes. Mounts to a 4-Square, Double Gang, Single Gang, Octagon or Round box.

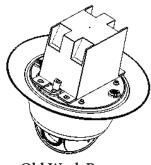
- Metal Construction
- Dome Covers Mounting holes
- Fits Multiple Box Types

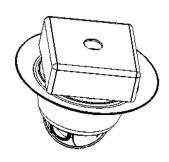
Asia Europe USA

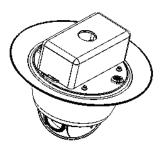


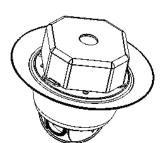


Physical	Diameter	168.5mm
	Weight	220g
Order Codes	White	inCA514SMP
	Black	inCA514SMPB









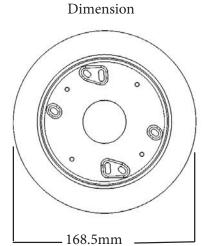
Old Work Box

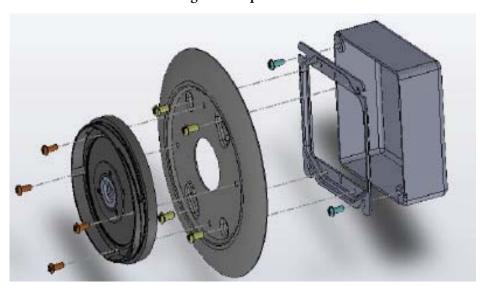
Double Gang

Single Gang

Octagon

Mounting to a 4 Square Box



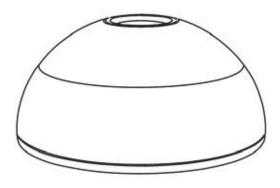


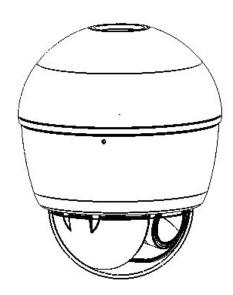
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Pendant Cap





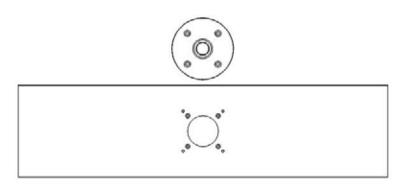
The Pendant Cap for the in51 Series dome connects directly to a 3/4 conduit or can be used in conjunction with a wall or ceiling mount.

- Metal Construction
- 3/4" NPT Threads





Drop/Hard Ceiling Accessories for in51 Series Domes





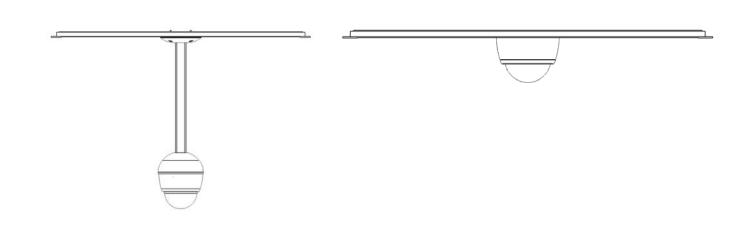
The inMotion inCA51BP Drop Ceiling Backer Plate and flange are used to mount the in51 Series domes to drop ceilings to prevent any ceiling tile sag. Normally used when extending dome down from the ceiling using drop pipe (inCA51DP6, inCA51DP12 or inCA51DP24). Flange can also be used on hard ceilings.

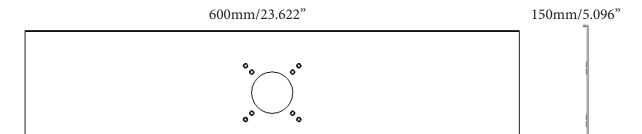
- **Metal Construction**
- Metal Flange fits 3/4" NPT
- 6", 12", 24" Drop Pipes

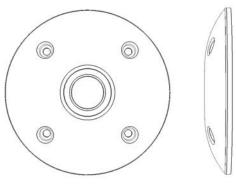
Asia Europe **USA**

in Motion International Ltd









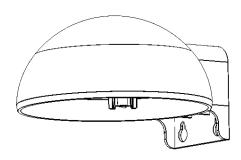
Diameter 15mm/.591" 100mm/3.937"

Order Codes	Backer Plate & Flange	inCA51BP
	6" Pipe 3/4"	inCA51DP6
	12" Pipe 3/4"	inCA51DP12
	24" Pipe 3/4"	inCA51DP24
	Pendant Cap	inCA51PC





Wall/Pole Mount for in51 Series Domes

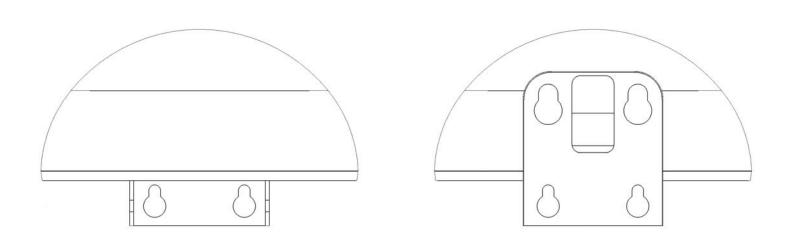


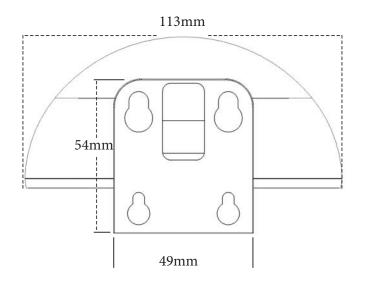
The inMotion inCA51WMB is used to mount the in51 Series domes on walls or flat poles. This versitile mount will fit many applications you may encounter.

- Metal Construction
- Small Footprint
- Low Profile

Asia Europe USA





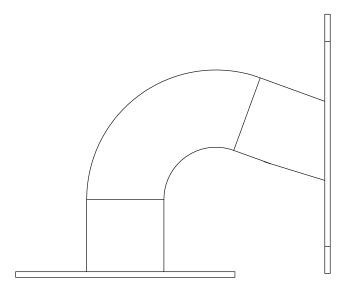


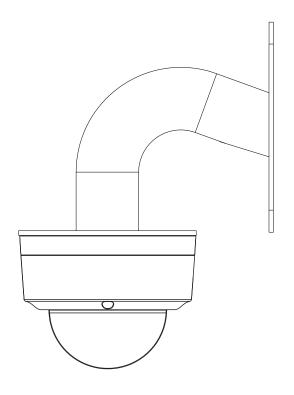
Order Code Wall/Pole Mount inCA51WMB





Wall Mount





The inMotion inCA61GNB wall mount that is used with our in61 Series dome

- Metal Construction
- Wire management Mount
- Fits Double Gang Box





Camera Mounts







The **inCM** series of camera mounts offer a variety of mounting options, Wall, Ceiling, Drop Ceiling "T-bar". Choose from metal or polycarbonet construction based on your mounting requirements.

Features:

inCM204

- Indoor
- Metal construction
- Up to 6" adjustable height
- Interchangable base for: Wall / Ceiling Drop Ceiling T-bar

inCM206

- Indoor wall or ceiling Mount
- Polycarbonet Construction
- Wire Feed Through

inCM211

- indoor/Outdoor
- Metal Construction
- Light duty up to 15lbs
- 11" Length

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Housing & Bracket Kits





The *inMotion* CHP series housing kits all include a side opening housing and the inCHPB feed through wall mount bracket. This indoor /outdoor housing offers security and environmental protection against the elements.

The side opening provides easy access for the installer with the option of factory installed 24VAC heater and blower help to maintain stable working temperatures while the feed-through mounting bracket simplifies the cable wiring into the housing.

The inCHP series is an ideal choice for your security applications requiring the housing of a traditional style "box" camera and lens..

Features: inCHP15/inCHPHB

- Indoor/Outdoor Housing
- Poly-Carbonate Construction
- Side Opening Lid
- 24VAC Powered*
- Thermostatic Heater and Blower*

inCHPB

- Die Cast Wall Mount
- Universal Knuckle Joint
- Cable Feed-Through for Housing

^{*}inCHP15HB only



General	Construction	Polycarbonate	
	Weight	4.2lbs (1.90kg)	
	Latch	Top mounted screws	
	Environment	Indoor/Outdoor -10°F to 120°F (-23° C to 49° C)	
Mechanical	Maximum Camera Size	9.8"x 3.75" x 3.14" (249 x 95 x 79mm)	
	Viewing Window Area	3" Round	
	Cable Entry	Bottom (Cable managed through mount)	
	Housing Dimensions	15" x 6" x 5.5" (381 x 153 x 140mm)	
	Bracket Dimensions	8.4"x 3.1" x 4.7" (214 x 79 x 120mm)	
Electrical (inCHP15HB only)	Heater	Thermostatically controlled On at 59°F/15°C. Off at 77°F/25°C	
	Blower	Thermostatically controlled On at 99°F/37°C. Off at 83°F/28°C	
	Power Requirements	24VAC	
	Heater	6VA (0.25A)	
	Blower	1.68VA (0.14A)	
Order Codes	Unheated version: Heater/Blower version:	inCHPKIT inCHPHBKIT	





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1/3" 2.8-12mm, DC Al Vari-Focal Lens









The *inMotion* Vari-Focal lenses provide high resolution images and increased sensitivity by the use of ED (Extra-ordinary low Dispersion) glass elements. The inLS2812DN will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- DC Auto Iris
- Aspherical Optical Design
- Fast F1.2 aperture
- IR Corrected

- ED Glass Optics
- Made in Japan
- CS Mount

Asia Europe USA



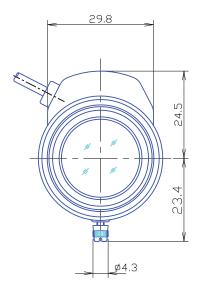
Specifications		
Туре	Al Varifocal	
Focal Length	2.8-12mm	
F-Stop	F1.2	
Image Format	1/3" (4.8 x 3 6mm)	
Mount	CS	
	Iris: F1.2-F360	
Operating Range	Focus: 0.2m ~ Infinity	
Control	Manual Focus/Zoom	
Field of View (1/3")	D: 124.9° ~ 29.7°	
	H: 98.5° ~ 23.8°	
	V: 73.0° ~ 17.8°	
Field of View (1/4")	D: 92.0° ~ 22.3°	
	H: 73.0° ~ 17.8°	
	V: 54.3° ~ 13.4°	
Dimensions	35mm x 47.9mm x 53.3mm	
Iris Control	DC Galvanometer	
Operating Temperature	-10°~ 50 ° Celsius	

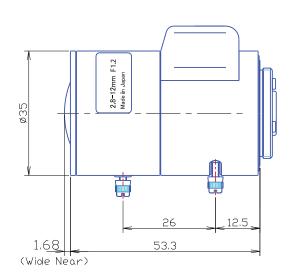
Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)











1/3" 3~8.5mm, DC Al Vari-Focal Lens









The *inMotion* Vari-Focal lenses provide high resolution images and increased sensitivity by the use of ED (Extra-ordinary low Dispersion) glass elements. The inLS385DN will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- DC Auto Iris
- Aspherical Optical Design
- Fast F1.0 aperture
- IR Corrected

- ED Glass Optics
- Made in Japan
- CS Mount

Asia Europe USA



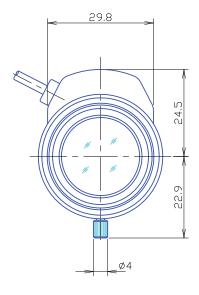
Specifications		
Type Al Vari		
Focal Length	3-8.5mm	
F-Stop	F1.0	
Image Format	1/3" (4.8 x 3 6mm)	
Mount	cs	
On a matting Barrier	Iris: F1.0-F360	
Operating Range	Focus: 0.2m ~ Infinity	
Control	Manual Focus/Zoom	
	D: 114.1° ~ 41.9°	
Field of View (1/3")	H: 90.5° ~ 33.6°	
	V: 67.2° ~ 25.2°	
	D: 84.6° ~ 31.6°	
Field of View (1/4")	H: 67.2° ~ 25.2°	
	V: 50.2° ~ 19.0°	
Dimensions	35mm x 47.4mm x 46mm	
Iris Control	DC Galvanometer	
Operating Temperature -10°~ 50 ° Celsius		

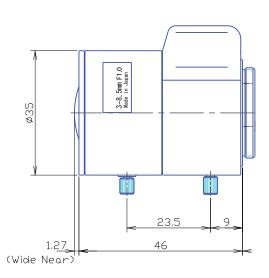
Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)











1/3" 7.5~50mm, DC Al Vari-Focal Lens









The *inMotion* Vari-Focal lenses provide high resolution images and increased sensitivity by the use of ED (Extra-ordinary low Dispersion) glass elements. The inLS755DN will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- DC Auto Iris
- Aspherical Optical Design
- Fast F1.3 aperture
- IR Corrected

- ED Glass Optics
- Made in Japan
- CS Mount

Asia Europe USA



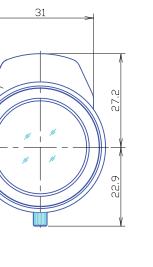
Specifications		
Type Al Vari		
Focal Length 7.5-50mm		
F-Stop	F1.3	
Image Format	1/3" (4.8 x 3 6mm)	
Mount	CS	
	Iris: F1.3-F360	
Operating Range	Focus: 0.4m ~ Infinity	
Control	Manual Focus/Zoom	
	D: 46.2° ~ 7.00°	
Field of View (1/3")	H: 36.6° ~ 5.64°	
	V: 27.4° ~ 4.26°	
	D: 34.20° ~ 5.30°	
Field of View (1/4")	H: 27.40° ~ 4.26°	
	V: 20.40° ~ 3.22°	
Dimensions	38mm x 50.1mm x 55.2mm	
Iris Control	DC Galvanometer	
Operating Temperature -10°~ 50 ° Celsius		

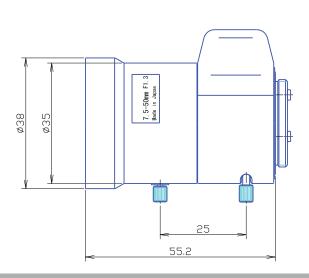
Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)











2.8-12mm, 2MP, DC, Al Vari-Focal Lens











The *inMotion* Vari-Focal MegaPixel lens provides high resolution images and increased sensitivity. The inLS2812DN-2MP will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- 2.8-12mm DC Auto Iris
- 2 Megapixel
- Fast F1.4 aperture

- IR Corrected
- Specialized Glass Optics and Coatings
- CS Mount



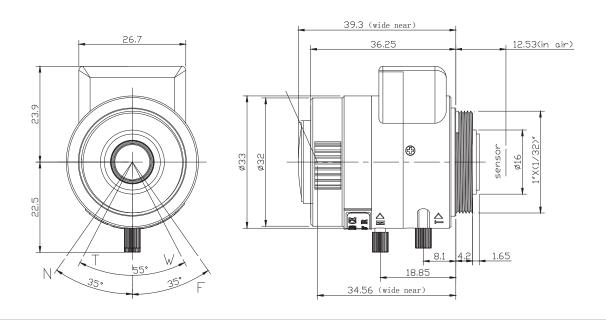
Specifications		
Туре	Al Vari-focal	
Focal Length	2.8-12mm	
F-Stop	F1.4	
Image Format	1/2.7" (4.8 x 3 6mm)	
Mount	cs	
Operating Range	Iris: F1.4-F360	
	Focus: 0.3m ~ Infinity	
Control	Manual Focus/Zoom	
Horizontal Field of View	106° ~ 32°	
Dimensions	33mm x 46.4mm x 39.3mm	
Cable Length	250mm	
Iris Control	DC Galvanometer	
Operating Temperature	-10°~ 50 ° Celsius	

Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)









5-100mm, 1.3MP, DC, Al Vari-Focal Lens











The *inMotion* Vari-Focal MegaPixel lens provides high resolution images and increased sensitivity. The inLS5100DN-1.3MP will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- 5-100mm DC Auto Iris
- 1.3 Megapixel
- Fast F1.6 aperture

- IR Corrected
- Specialized Glass Optics and Coatings
- CS Mount



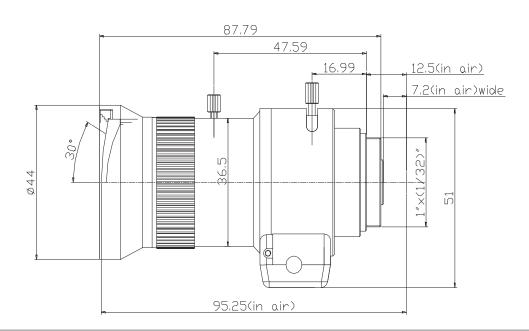
Specifications		
Туре	AI Vari-focal	
Focal Length	5~100mm	
F-Stop	F1.6	
Image Format	1/2.7"	
Mount	cs	
Operating Range	Iris: F1.6-F360	
	Focus: 0.7m ~ Infinity	
Control	Manual Focus/Zoom	
Horizontal Field of View	51° ~ 4.8°	
Dimensions	44mm x 51mm x 87.79mm	
Cable Length	300mm	
Iris Control	DC Galvanometer	
Operating Temperature	-10°~ 50 ° Celsius	

Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)









AC to DC Power Converter



The **inMotion** inPC500 series of power converters enable the use of 12VDC cameras on 24VAC power systems and allows the installer to use both 24VAC and 12VDC powered cameras on a common 24VAC power infrastructure.

24VAC power supplies have following benefits:

- Lower cost
- High reliability
- Polarity independent
- Lower "volt-drop" on extended cable runs.

Model:	inPC500	inPC500S
Input Voltage	15~28VDC or 15V~26VAC	15~28VDC or 15V~26VAC
Output Voltage (regulated)	12VDC @ 500mA Max	12VDC @ 500mA Max
Input connection	Terminal Block	Terminal Block
Output connection	2.1mm DC Barrel plug	2.1mm DC Barrel plug
Built in Surge Protection	No	Yes
Total Cable length (inc converter)	approx 30cm (12")	approx 30cm (12")
Dimensions (LxWxH)	63x29x25mm 2.48" x 1.14" x 1"	63x29x25mm 2.48" x 1.14" x 1"
Weight	35g	35g





AC to DC Power Converters





The **inMotion** inADAC series of power converters enable the use of 12VDC cameras on 24VAC power systems and allow the installer to use both 24VAC and 12VDC powered cameras on a common 24VAC power infrastructure.

24VAC power supplies have following benefits:

- Lower cost
- High reliability
- Polarity independent
- Lower "volt-drop" on extended cable runs.

The converters are available in two models, 500mA output and higher power output of 1000mA. A simple and effective solution for providing a regulated DC supply.

Model:	inADAC24	inADAC241A	
Input Voltage	20V~30V AC	20V~36V AC/DC	
Output Voltage (regulated)	12VDC @ 500mA		
Input connection	Terminal Block		
Output connection	2.1mm DC Barrel plug		
Total Cable length (inc converter)	approx 30cm (12")		
Dimensions (LxWxH)	39x25x26mm 1½ x 1 x 1 inch	46 x 35 x 27mm 1% x 1% x 1 inch	
Weight	26g / 1oz	82g / 3oz	
Case type	Plastic	Metal	





Switching Power Adaptor (12VDC)



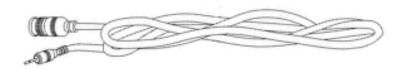
This switching power adaptor can be used to power any of your 12VDC cameras or other items.

- Switching Power Adaptor
- Input 110 -240 VAC
- Output 12VDC -1 Amp Max





Service Cable



The service cable is used for local set up of cameras during installation or service. Plug directly from a camera into a field monitor.

- 2.1mm Jack
- 41" in overall length
- BNC Output
- For use with the 44,51,60 Series Domes





"Up-The-Coax" Hand-Held Programmer with Lens Control



The inMotion inUTC-ZF is an optional iCCTV $^{\text{TM}}$ compliant product to enable advanced programming of inMotion cameras. The hand-held programmer is connected is via a simple Male / Female loop through BNC cable that is inserted in series with the video signal from the camera, to a monitor or control device. Once connected and activated, the programmer sends a telemetry signal back along the coax to enable and navigate around the On-Screen-Display menus of the connected inMotion camera.

In addition, it provides control of Zoom and Focus motors and enables Push to Focus features on Motorised Lens Control (MLC) equipped cameras.

This simplifies both commissioning and servicing of cameras, as physical access is not required to the camera to make adjustments to the configuration of the camera. This makes this a very valuable tool in modern installations where access to cameras may be limited.

Examples of installation environments where this product can really simplify the engineer's tasks are:

- Retail Shop Floors, Entrances, Cash Offices, High Ceilings
- Banking ATM Machines, Safes, Foyers.
- Transport Toll Booths, Entrance Barriers, Ticket Machines, Tunnels.
- High Security Custody Suites, Prisons.

User Interface	5 way Joystick + Power LED
Cable Length	1.3m
Battery type	Lithium Button Cell - CR2025
Dimensions (controller)	85mm x 50mm





Push Pull Rods



The **inMotion** Push Pull Rods are handy, lightweight, flexible & STURDY! Use our Push-Pull Rods to get wire and cable into those "impossible" places quickly and easily! Ideal for pushing and pulling wire and cables in false ceilings, under floor channels, crawl spaces, attics and many other areas. Connect as many rods together to attain the length required.

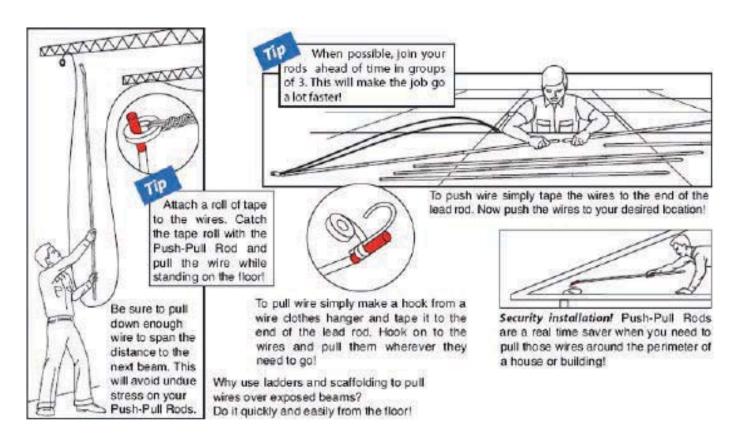
These Push-Pull Rods will save you a lot of time and money. Tape your wire on to the leading rod and push it to the desired location by adding additional rods (they just screw into each other) or you can tape the wire to the rod (or hook it) and pull the wire to you from a distant location.

Each rod is made of aluminum alloy, 27" long and 3/4" O.D. and weighs only 5 oz. These rods are available in non-coated or coated sets which feature a 1000 V.D.C. dielectric strength coating, which is both tough and durable.

Each set comes with one curved handle pole and a bright yellow storage bag. Get a set today and make your installations go quicker and easier.



	Model	PPR Series
Coating	Coated Rods-C	1000 V.D.C Dialetric Strength
Physical	Construction	Aluminum Alloy
	Dimensions	27"L x 3/4 OD
	Weight	5oz per rod
Ordering	inPPROD20-C	20 Coated Rods -45ft
	inPPROD10-C	10 Coated Rods - 22-1/2ft
	inPPROD5-C	5 Coated Rods -11-1/4ft
	inPPROD20-P	20 Non-Coated Rods - 45ft
	inPPROD10-P	10 Non-Coated Rods - 22-1/2ft
	inPPROD5-P	5 Non-Coated Rods - 11-1/4ft



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Indoor/Outdoor Anti Vandal 2MP IP Dome





The inMotion in61IP2MPT is the next generation in our line of compact Indoor/Outdoor anti vandal resistant domes. The inMotion HD-IP network camera is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards. This dome has both a network output and an analog output for use where you still need local monitoring. The in61IP2MPT series is very compact and flexible enough to meet any installation requirements.

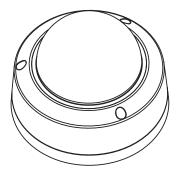
- Compact Die Cast Construction
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- IP66
- 2.43 Mega Pixel Sensor
- Full HD 2MP Image
- Dual Stream (H.264/MJPEG)
- True Day/Night

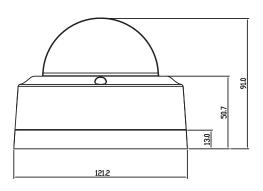
- Max 30 FPS
- Analog Output for Local Viewing
- Simple Web interface
- Motion Detection
- Alarm Management
- Service Jack
- 12VDC/24VAC
- ONVIF & PSIA Support

in Motion International Ltd



	CPU	32bit Embedded CPU TI DaVinci TM320DM368	
	Memory	Flash 128Mbytes / SDRAM 128Mbytes	
	Operating System	Linux	
System	Button	Reset(Factory default)	
	LED	Power / LAN	
	Ethernet	10/100Mbps	
	Compression	H.264 / M-JPEG	
	Resolution	1920x1080, 1280x720, 640x352, 320x176, 160x96	
	Stream	Dual Stream (1) in H.264 and (1) in Motion JPEG	
	Bit rate	64Kbps~12Mbps	
	Bit rate type	Constant(CBR), Variable(VBR)	
		Up to 30fps (H.264)	
Video	Frame rates	Up to 30fps (M-JPEG)	
	Image Quality	6 Levels	
	Interface	1 Network Output , 1 Analog Output , 1 Sevice Output	
	Sensitivity	0.01 Lux	
	S/N Ratio	>52dB	
	Day/Night	Mechanical Filter	
Lens	Focal Length	2.8~12mm or 3.5~16mm	
-		Color or Black & White	
Image	Function	Saturation, Contrast, Brightness, AGC, DNR, Flip, Sense-up	
	LAN Interface	10/100 BaseT Ethernet Auto Sensing	
		TCP, DHCP, RTP, RTCP, RTP, RTSP, HTTP, NTP, PPPoE,	
Network	Protocols	SMTP Client, FTP, PAP, CHAP, RARP, UPnP, ect	
	ONVIF & PSIA	ONVIF (Profile S) PSIA (v1.0)	
	Schedule	Supported	
	Motion Detection	12x12=144 Blocks, Sensitivity -100~100	
Event	Video	Video Loss, Video Recovered	
Management	Sensor Notification	UDP, HTTP, TCP	
	Buffer	5.6Mbyte for Pre/Post Alarm	
	Image Upload	FTP and E-Mail	
	Browser	IE	
Viewer	Streaming Player	Quick Time, VLC	
Security	Password	Multi-level user access with password protection	
	C	Die Cast Aluminum Shell	
	Construction	Polycarbonate Bubble	
Discortional	Dimension	121.2 x 91mmH (4.77"Ø x 3.58"H)	
Physical	Weight	550g (1.21 lb)	
	Mounting	Surface	
	Integrity	IP66	
Power	Power Consumption	12VDC/24VAC ±10% 6W max	
Integration	SDK	Open HTTP API/Active X for Livecast	
Installation/			
Maintenance		Configure by Installation wizard, HTTP, Telnet	
Operating	Temperature	0°C ~ 50°C (32°F ~ 122°F)	
Environments	Humidity	20%~80% RH (non-condensing)	
Ordering	2.8~12mm	in61IP2MPT28V12	
Ordering	3.5~16mm	in61IP2MPT35V16	





inMotion CCTV reserves the right to amend specifications and design without prior notice





Single Channel D1 Encoder















The inMotion CCTV encoder is a powerful, compact video server platform featuring advanced video encoding capabilities. Transform any analog camera into an IP device with dedicated alarm & I/O management.

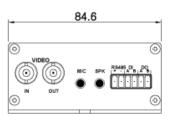
With its advanced features, the encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards

- Single Channel In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1(720x480)
- G.711 Two-Way Audio
- RS485/232 PTZ Support
- Motion Detection

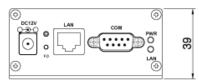
- Simple Web interface
- PTZ Control
- Motion Detection
- Alarm I/O
- Alarm Management
- 12VDC

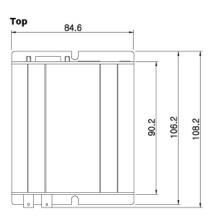


F	roi	nt



Back





	I			
	CPU	32bit Embedded CPU TI DaVinci TM320DM365		
	Memory	Flash 128Mbytes / SDRAM 128Mbytes		
	Operating System	Linux		
	Button	Reset(Factory default)		
_	LED	Power / LAN		
System	Video	Input x 1 , Output x 1		
	Audio	MIC in x 1, Audio Line Out x 1		
	1/0	Input x 1 NO/NC, Output x 1 NO/NC		
	Communication	Serial Interface RS232 /RS485		
	Ethernet	10/100Mbps		
	Compression	H.264 / M-JPEG		
	Resolution	720x480, 704x480, 320x240, 160x112		
	Stream	Dual Stream one in H.264 and one in Motion JPEG		
	Bit rate	64Kbps~12Mbps		
Video	Bit rate type	Constant(CBR), Variable(VBR)		
Video	Frame rates	Up to 30fps (H.264)		
	Traine rates	Up to 30fps (M-JPEG)		
	Image Quality	6 Levels		
	Interface	1 Analog Input		
	Interface	1 Analog Output		
	Compression	8 bit PCM (G.711 u-Low) Sampling rate 8Khz		
	Compression	8 Kbyte/sec per channel 16 kbps Min/Max audio Freq 300Hz~3.4KHz		
Audio	Interface	1 x Mic/Line input		
	Interrace	1x Mono output (Line Level)		
	Transport	Two way, Full duplex		
	Function	Color or Black & White		
		Hue		
Image		Saturation		
		Contrast		
		Brightness		
	LAN Interface	10/100 Base T Ethernet Auto Sensing		
Network	Protocols	TCP, DHCP, RTP, RTCP, RTP, RTSP, HTTP, NTP, PPPoE, SMTP Client, FTP, PAP,		
		CHAP, RARP, UPnP, ect		
	ONVIF & PSIA	ONVIF (Profile S) PSIA (v1.0)		
	Schedule Mation Detection	Supported		
	Motion Detection	12x12=144 Blocks, Sensitivity -100~100		
Event	Video I/O	Video Loss, Video Recovered Input x 1 NO/NC Output x 1 NO/NC		
Management	Sensor Notification			
	Buffer	UDP, HTTP, TCP 5.6Mbyte for Pre/Post Alarm		
		FTP and E-Mail		
Evtornal	Image Upload Com Port			
External Interface	PTZ Control	RS232		
interrace	Browser	RS485, Pelco P & D, Range of others supported		
Viewer	Streaming Player	Quick Time, VLC		
Security	Password	Multi-level user access with password protection		
Jecurity	Dimension	109 x 85 x 39		
Size	Weight	220g		
Power	Power Consumption	DC 12V / 500ma Max (SMPS Supply Recommended)		
System				
•	SDK	Open HTTP API/Active X for Livecast		
Integration Installation/		Configure by Installation wizard, HTTP, Telnet		
Maintenance				
Operating	Temperature	0°C ~ 50°C (32°F ~ 122°F)		
Environments	Humidity	20%~80% RH (non-condensing)		
Ordering		inENCODE1D1		
	Ir	nMotion CCTV reserves the right to amend specifications and design without prior notice		





2 Megapixel Full HD IP Camera Module













The inMotion HD-IP network camera module is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera module allows full command and control of video parameters such as resolution, bit rate and frame rate. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards

- Full HD 2MP Image
- Dual Stream (H.264/MJPEG)
- Max 30 FPS
- Analog Output for Local Viewing

Asia

- Simple Web interface
- Motion Detection

- Alarm Management
- Supports Auto Iris or Fixed Lens
- 12VDC
- Optional POE Board
- Optional Audio/IO/Micro SD Board



	CPU 32bit Embedded CPU TI DaVinci TM320DM368			
	Memory	Flash 128Mbytes / SDRAM 128Mbytes		
	Operating System	Linux		
	Button	Reset(Factory default)		
System	LED	Power / LAN		
System	Video	Output x 1		
	I/O (Optional)	Input x 1 NO/NC, Output x 1 NO/NC		
	Communication	Serial Interface RS232		
	Ethernet	10/100Mbps		
	Compression	H.264 / M-JPEG		
	Resolution	1920x1080, 1280x720, 640x352, 320x176, 160x96		
	Stream	Dual Stream (1) in H.264 and (1) in Motion JPEG		
	Bit rate	64Kbps~12Mbps		
Video	Bit rate type	Constant(CBR), Variable(VBR)		
	_	Up to 30fps (H.264)		
	Frame rates	Up to 30fps (M-JPEG)		
	Image Quality	6 Levels		
	Interface	1 Analog Output		
		8 bit PCM (G.711 u-Low) Sampling rate 8Khz		
	Compression	8 Kbyte/sec per channel 16 kbps Min/Max audio Freq 300Hz~3.4KHz		
Audio		1 x Mic/Line Input		
(Optional)	Interface	1x Mono Output (Line Level)		
	Transport	Two Way, Full Duplex		
Lens	Support	Fixed Lens, DC Drive , TDN		
Lens	Зирроге	Color or Black & White		
Image	Function	Saturation, Contrast, Brightness, AGC, DNR, Flip, Sense-up		
	LAN Interface	10/100 Base T Ethernet Auto Sensing		
		TCP, DHCP, RTP, RTCP, RTP, RTSP, HTTP, NTP, PPPoE, SMTP Client, FTP, PAP,		
Network	Protocols	CHAP, RARP, UPnP, ect		
	ONVIF & PSIA	ONVIF (Profile S) PSIA (v1.0)		
	Schedule	Supported		
	Motion Detection	12x12=144 Blocks, Sensitivity -100~100		
French	Video	Video Loss, Video Recovered		
Event	I/O (Optional)	Input x 1 NO/NC Output x 1 NO/NC		
Management	Sensor Notification	UDP, HTTP, TCP		
	Buffer	5.6Mbyte for Pre/Post Alarm		
	Image Upload	FTP and E-Mail		
External	Com Port	RS232		
Interface				
Viewer	Browser	IE Outstatus NUC		
Canunit	Streaming Player	Quick Time, VLC		
Security	Password	Multi-level user access with password protection		
Size	Dimension	Dual Stack Board - 42x42x15		
	Weight	50g		
Power	Power Consumption	1		
Integration	SDK	Open HTTP API/Active X for Livecast		
Installation/		Configure by Installation wizard, HTTP, Telnet		
Maintenance Operating	Temperature	0°C ~ 50°C (32°F ~ 122°F)		
Environments	Humidity	20%~80% RH (non-condensing)		
Livitoililents	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,		
	3.6mm	inCMIP2MP36 inCMIP2MP28V10		
Ordoris -	2.8~10mm			
Ordering	3.5~16mm	inCMIP2MP36V16		
	POE Board	inPOEBD		
	Audio/IO/Micro SD	inOPTIONSBD		

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Single Channel D1 Encoder























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The inMotion CCTV encoder is a powerful, compact video server platform featuring advanced video encoding capabilities. Transform any analog camera into an IP device with dedicated alarm & I/O management.

With its advanced features, the inMotion encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards

- Single Channel Analog In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1 (720x480)
- Simple Web Interface
- G.711 Two-Way Audio
- RS485/232 PTZ Support

- Motion Detection
- Alarm I/O
- Alarm Management
- Image Controls
- Selectable Image Size by Stream
- 12VDC or POE (Optional)

	CPU	32bit Embedded CPU TI DaVinci TM320DM365	
	Memory	Flash 128Mbytes / SDRAM 128Mbytes	
	Operating System	Linux	
	Button	Reset(Factory default)	
System	LED	Status LED x 1 (Green/Red), Ethernet x 2	
	Video	Input x 1 Analog, Output x 2 (OSD Set up and Viewing)	
	Audio	MIC in x 1, Audio Line Out x 1	
	1/0	Input x 1 NO/NC, Output x 1 NO/NC	
	Communication	ication Serial Interface RS232 /RS485	
	Ethernet	10/100Mbps	
	Compression H.264 / M-JPEG		
	Resolution	720x480, 704x480, 320x240, 160x112	
	Stream	Dual Stream one in H.264 and one in Motion JPEG	
	Bit rate	64Kbps~12Mbps	
	Bit rate type	Constant(CBR), Variable(VBR)	
Video	Frame rates	Up to 30fps (H.264)	
	Traine rates	Up to 30fps (M-JPEG)	
	Image Quality	6 Levels	
		1 Analog Input	
	Interface	2 Analog Outputs (Display & Local Camera Programming by UTC	
		Controller) 8 bit PCM (G.711 u-Low) Sampling rate 8Khz	
	Compression	8 Kbyte/sec per channel 16 kbps Min/Max audio Freq 300Hz~3.4KHz	
Audio		1 x Mic/Line input	
Addio	Interface	1x Mono output (Line Level)	
	Transport	Two way, Full duplex	
	Transport	Color or Black & White	
		Hue	
Image	Function	Saturation	
mage	T direction	Contrast	
		Brightness	
	LAN Interface	10/100 Base T Ethernet Auto Sensing	
		TCP, DHCP, RTP, RTCP, RTP, RTSP, HTTP, NTP, PPPoE, SMTP Client, FTP, PAP,	
Network	Protocols	CHAP, RARP, UPnP, ect	
	ONVIF & PSIA	ONVIF (Profile S) PSIA (v1.0)	
	Schedule	Supported	
	Motion Detection	12x12=144 Blocks, Sensitivity -100~100	
	Video	Video Loss, Video Recovered	
Event Management	1/0	Input x 1 NO/NC Output x 1 NO/NC	
	Sensor Notification	UDP, HTTP, TCP	
	Buffer	5.6Mbyte for Pre/Post Alarm	
	Image Upload	FTP and E-Mail	
DT7 Courtural	Recording	SD card (Optional)	
PTZ Control	RS232/RS485	Pelco P & D, Range of others supported	
Viewer	Browser	IE Ovida Tiese VIC	
Committee	Streaming Player	Quick Time, VLC	
Security	Password	Multi-level user access with password protection 42x42x15 (Dual Stack Board)	
Size	Dimension		
	Weight Power Consumption	40g DC 12V / 450ma Max (SMPS Supply Recommended)	
Power			
Interface	PoE (Optional)	IEEE 802.3af compliant Power-over-Ethernet (PoE)	
Interface	Connections	Various Molex Connectors for all Interfaces	
System Integration	SDK	Open HTTP API/Active X for Livecast	
Installation/Maintenance		Configure by Installation wizard, HTTP, Telnet	
Operating Environments	Temperature	0°C ~ 50°C (32°F ~ 122°F)	
	Humidity	20%~80% RH (non-condensing)	
Ordering		inENCODE-D1-BD	

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IP ATM (Tigershark) WDR Camera Kit



















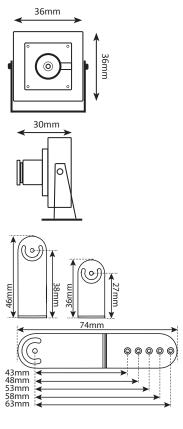


The inMotion IP ATM Camera Kit includes our Tigershark WDR camera and our single channel encoder which is a powerful, compact video server platform featuring advanced video encoding capabilities. With its advanced features, the encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards. The Camera uses the latest in WDR performance chipsets. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations.

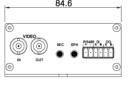
- Compact 36mm² footprint
- InMotion Thermal Management
- Ultra High 800 TVL
- Adaptable mounting brackets
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up

- Single Channel In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1(720x480)
- G.711 Two-Way Audio
- RS485/232 PTZ Support
- Simple Web interface
- Motion Detection
- DI/DO
- Alarm Management
- 12VDC

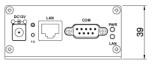


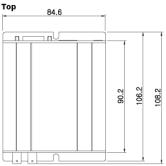


Front



Back





Video Encoding	H.264/MJPEG (Simultanious dual stream)		
Resolution	720x480 / 352x240		
Live Cast	Streaming Video with full duplex live audio		
	up to 30fps @D1 when simplex		
Video	Input	Single Channel	
	Looping	Yes	
Audio	Channels	Single Channel	
	Output	Yes	
	Encoding	8bit G.711, 8khz, 8KBytes/sec	
External Interface	DI	Alarm In	
	DO	Trigger Out	
	Com Port	RS232	
	PTZ Control	RS485	
Bandwidth Management	Framerate Control/Bandwidth Control/CBR/VBR		
Alarm Management	Trigger Condition/Alarm Service		
Security	Password Protection		
Protocol	HTTP, RTP, RTSP, TCP/IP ,FTP, TELNET, RARP, PPPoE, SNMP uPNP,		
		PAP, CHAP, NTP and more.	
Standards	ONVIF (Profile S) & PSIA (v1.0)		
Power	Voltage	12VDC	
	Power	4.8W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Metal Shell	
	Dimensions	39mm H x 85 W x 110 D	
	Weight	220g	
Order ID		in30S2IPATM-KIT	

	System	NTSC & PAL	
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Focal Length	3mm Fixed	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	in-line Programmer	
Power	Voltage	12VDC ±10	
	Power	3W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell	
	Mounting	Multiple Brackets Included	
	Dimensions	36 H x 36 W x 32 D	
	Weight 80g		

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