

in 41S1P1L
 41S1N1L

1/3" Compact Vandal-Resistant Dome SDN Camera



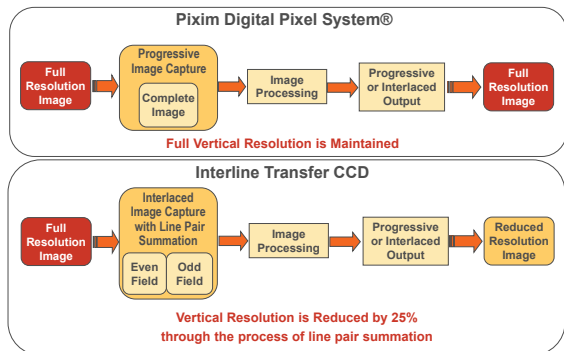
inViVid®
iCCTV™



The **inMotion** in41S1x1L series of ultra compact vandal dome cameras use the latest Pixim Digital Pixel System® M8800 Seawolf chip. Offering industry leading 690 HTVL-Effective * Resolution, Low Light and WDR performance combined with Motion Adaptive 3D Digital Noise Reduction, this dome camera will produce high quality video even in the most challenging lighting conditions experienced in modern installations. The versatile in41S1x1L series is extremely compact and flexible enough to meet any installation requirements.

- Ultra Compact Aluminium Shell
- Vandal and Tamper Resistant
- IP65 Recessed Mount
- inMotion Thermal Management
- inMotion inViVid® Color Technology
- Push Point and Lock alignment
- Hi-Res Board lens (various options)
- 1/3" Pixim 8800C Seawolf Chip
- Progressive Image Capture Sensor
- Global Electronic Shutter
- Ultra High Resolution D1
- 690 HTVL-Effective**
- Software Day/Night Function
- Min. Illumin. 0.1 Lux@ 50 IRE F1.2 Color
- 120db Max. Wide Dynamic Range (WDR)
- Digital Slow Shutter up to 16x
- Backlight Compensation (BLC)
- Motion Adaptive 3D DNR
- ATW and PWB Function
- Digital Pan/Tilt/Zoom
- CVBS Analogue Video Output
- 12VDC
- iCCTV™ compliant up the Coax (UTC) OSD
- Pelco C Coaxitron® compatible
- Custom Presets for most scene conditions
- Privacy Zones
- Motion Detection
- Optional: UTC (Up the Coax) OSD Programmer

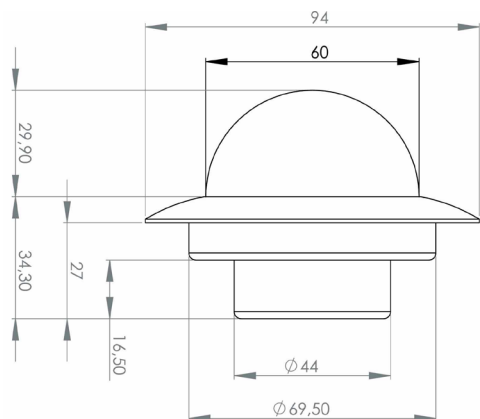
** : http://www.pixim.com/assets/files/product_and_tech/HTVL_Effective_Specification.pdf



The Seawolf® chip set in the in41S1x1L utilizes the Pixim Digital Pixel System® bringing together the benefits of Wide Dynamic Range, increased sensitivity and Progressive Image Capture. This permits the output of images with full vertical resolution in all lighting conditions, without line summation losses experienced by interline CCDs, giving an increase in vertical resolution of approximately 30% over an interline CCD sensor.

Lens	FoV @ 3m		FoV@5m	
	H	V	H	V
2.9mm	5m	3.7m	8.3m	6.2m
3.8mm	3.8m	2.8m	6.3m	4.7m
6.0mm	2.4m	1.8m	4m	3m
8.0mm	1.8m	1.3m	1.2m	0.9m
12.0mm	1.2m	0.9m	2.0m	1.5m

Fields of view are approximate



Imaging	Horizontal Resolution	690 HTVL Effective*				
	Vertical Resolution	460 VTVL				
	Dynamic Range	120dB Max (102dB typical)				
	Sensitivity	0.1 lux min illumination (f1.2, 50 IRE, 30 fps, 2850K, Color)				
	Digital Slow Shutter	2x / 4x / 8x / 16x				
	Noise Reduction	3D Motion Adaptive Noise Reduction (3D-DNR)				
	SNR	>50 dB max				
	AGC	Programmable up to 50dB				
	Iris	Fixed				
	Back Light Compensation	BLC On / Off				
	Day/Night	Software Day/Night (B/W)				
	White Balance	ATW, AWB, Manual				
	WB Range	2000 – 11,000K				
	Metering Zones	4, User Definable				
	Lens	Focal Length Options	2.9mm F2.0	3.8mm F2.0	6mm F2.5	8mm F2.0
Horizontal FoV		96.6°	71.5°	45.7°	34.6°	22.8°
Vertical FoV		71.9°	53.4°	34.0°	25.5°	17.2°
Diagonal FoV		122.1°	90.0°	57.8°	44.5°	28.5°
Video		Video Standards	NTSC / PAL (software selectable)			
	Aspect Ratio	4:3				
	Analog Outputs	CVBS 1.0v p-p, (75 ohm) - BNC				
	Display Support	CRT or LCD				
	Synchronization	Internal				
	Flicker Reduction	On / Off				
	Image Flip	Horizontal				
	Digital PTZ	Pan, Tilt, Zoom (1x – 8x)				
Interfaces	Programming	Up The Coax (UTC) remote control				
	Identifiers	Camera ID / Camera Number				
	Visual	On-Screen Display				
	Fonts	Multilingual including Asian characters and Unicode fonts				
	Privacy Zones	16 programmable zones				
	Activity Zones	4 programmable zones				
	Alarm Output	via OSD**				
Sensor	Type	Digital Pixel System®				
	Capture	Global Electronic Shutter				
	Electronic Shutter Speed	1/25 - 1/30,720 second (f/1.2)				
	Optical Format	1/3" (6.3mm image diagonal)				
	Total Pixels	768 x 548 (420,864)				
	Effective Pixels	758 x 540 (409,320)				
	Color Filter Array	CMY + OLPF and IR Cut Filter				
	Image Signal Processing	32 Bit Image Processor				
	Power Supply	Voltage	12VDC +/- 10%			
	Power	1.7W Max.				
Environmental	Temperature	-10 to +50 °C (Operating)				
	Humidity	0~90% non condensing (Operating)				
	Ingress Protection	IP65 when ceiling mounted				
Physical	Construction	Die Cast Aluminium, Polycarbonate Bubble				
	Dimensions	94mm Ø x 64.2mm H				
	Weight	340g				
Order ID	Lens Type	PAL		NTSC		
	2.9mm version	in41S1P1L29		in41S1N1L29		
	3.8mm version	in41S1P1L38		in41S1N1L38		
	6mm version	in41S1P1L60		in41S1N1L60		
	8mm version	in41S1P1L80		in41S1N1L80		
	12mm version	in41S1P1L12		in41S1N1L12		

** Optional Feature

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