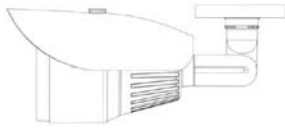


71S9N2D28V12

IR Bullet Camera

Quick Start Guide



Rev 0.1

Before operating this product, please read this quick-start guide to ensure proper use. Please store these instructions a safe place for future reference.

FEATURES

- Cast Aluminum Housing
- Wire Management Mount
- 2.8-12 Varifocal lens
- 960H Advanced High Sensitivity Sensor
- 700TVL Resolution
- 42 IR LED's
- 12VDC/24VAC Powered

PRECAUTIONS

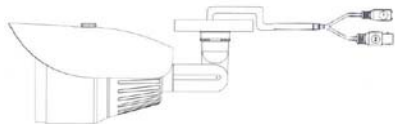
1. Before installing and operating the unit, please read this manual carefully.
2. Precision components are contained in this camera, please avoid violent vibrations during installation and maintenance. Do not connect the power until you have completed the installation.
3. Please obey all local electrical wiring regulations when using this unit.
4. Do not use abrasive or corrosive materials for cleaning. Use only a soft cloth for cleaning.
5. To prevent damage to the lens or sensor, do not point the camera directly into the sun or very strong light sources.
6. Do not use the camera outside it's working temperature (-10°C~ 50°C / 14°F ~122°F) or humidity (<90%) ranges.
7. Ensure that the power supply meets the current requirements of the camera and that the supply voltage is inside the tolerances of the camera: 24VAC ±10%
8. Ensure that the fixings used are adequate to support the load of camera.
9. In case of camera failure, do not attempt to dismantle or service the camera yourself. Please refer to qualified service personnel for repair of the camera.

CONNECTIONS

1. Power Input connector. There is a 2 pin terminal block for easy connection. Observe polarity of 12VDC power.



2. BNC Connector. Video Output. 75Ω 1Vp-p



MOUNTING

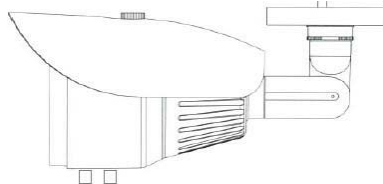
1. Mark and drill the four mounting holes for the base. Choose an appropriate drill bit for the surface you are drilling into and ensure that the diameter is correct for the fixings being used.
2. The wire management mount makes for a clean installation.
3. Ensure that the fixings can adequately bear the weight of the camera.
4. Mount the camera, make sure to protect you connectors so they will not create a ground loop.
5. Make the video and power connections and commission the camera

LENS AND POSITIONING

To position the camera loosen the allen screw on the side of the mount. Move the camera to the desired position then retighten allen screw.

To adjust zoom and focus .

There are two knobs located on the bottom of the camera, one for focus and one for zoom. Adjust to desired position



SPECIFICATIONS

	System	NTSC
Solution	Sony	Advanced High Sensitivity Sensor
	Effective Pixels	976x494 NTSC
Performance	Resolution	700TVL
	Sensitivity	0Lux IR On
	S/N Ratio	50dB
	Day / Night	Yes
Lens	Type	2.8~12mm Varifocal
	IR	
	LED's	42
	Effective IR Range	100Ft
	IR Wavelength	850nm
Output	Video Output	CVBS 1.0Vp-p 75Ω - BNC
	Power	
	D Model	12VDC/24VAC ±10% 5W max
Physical	Construction	Die Cast Aluminum Shell
	Dimensions (mm)	108Ø x 95mmH (4.24"Ø x 3.47"H)
	Weight	550g (1.21 lb)
	Mounting	Surface
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing