

Colour Dome Camera

PL-600/100

Varifocal Fixed Dome Camera

The rugged PL-600/100 fixed dome camera is ideal for any surveillance application requiring an analog CCTV camera. The high-resolution CCD provides clear video for both day and night surveillance.

This dome is available with a wide range of options, including Wide Dynamic Range, True Day/Night with IR Cut filter and IR LED's. And it includes an integrated Varifocal lens in 4 popular sizes, to adjust from a wide angle to close up view.

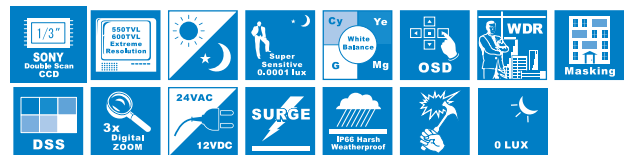
The IP66 rated enclosure provides protection under the most extreme environments. It is resistant to dust, moisture and salt water installations making it suitable for any location.

The Installer-friendly design allows pre-installation of the dome base, with an interchangeable camera module. Scene positioning is easily accomplished by the 3-Axis mounting gymbal, viewed using the secondary BNC monitor port.

Combined with durable construction, the PL-600/100 makes a fine vandal-resistant solution for any CCTV application.



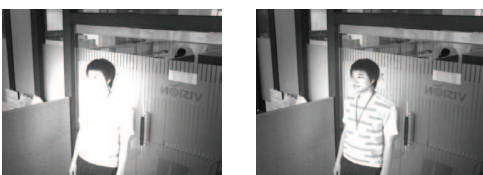
IR LED Version



Regular Backlight Compensation circuits adjust video levels to make dark subjects brighter. However, bright backgrounds get washed out, losing detail. Optional **Super Wide Dynamic Range (sWDR)** digitally adjusts all pixels to optimum brightness, retaining detail in both bright and dark areas.



Integrated Surge Protection prevents damage from harmful voltage spikes, and is augmented by a removable fuse. The adaptive Power circuit allows operation from DC11V-DC40V and AC15V-AC30V increasing reliability from power fluctuations, with a non-polarity input.



Conventional IR cameras have fixed IR output, and objects in close proximity will become washed out. To compensate, these types of cameras will shut down the iris, darkening the entire scene. **Intelligent IR compensation** prevents oversaturation when objects come close to the camera. By varying the IR output, this allows background detail to remain visible.

General Features

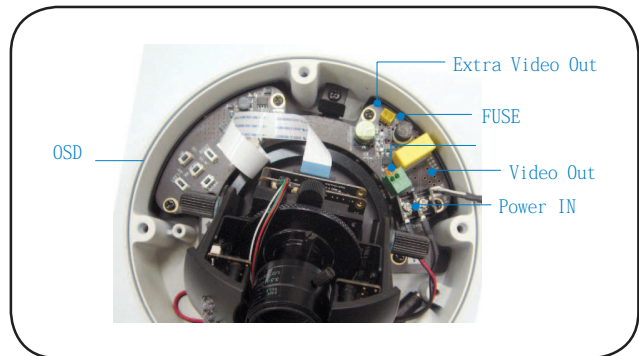
- High Resolution CCD Imager for Day/Night applications
- Varifocal Lens options
- IP66 rated, Vandal Resistant Design
- 3 axis optics module with 90 degree tilt
- Extra BNC for Test Monitor

Optional Features

- Super Wide Dynamic Range
- 3DNR - Dynamic Digital Noise Reduction
- Highlight Suppression Backlight Compensation
- Digital Zoom
- Digital Slow Shutter to increase light sensitivity
- IR Illumination up to 98'
- IR Cut Filter for True Day/Night
- 0.00001 Lux Minimum Illumination (DSS)
- RS485 & internal buttons to control OSD
- Privacy Masking with programmable Zones

PL-600/100 SPECIFICATIONS

Video	
CCD Sensor	1/3" Sony SuperHAD CCD
Video System	PAL
Horizontal Resolution	560 / 600
Auto Iris Type	DC iris
Synchronization System	Internal / Line Lock
Lens	Varies by Model
Electronic Shutter	1/60-1/100,000 second
Auto White Balance Range	1800K-10,500K (2,000K-20,000K VDA110H)
S/N Ratio	>52dB
Day/Night	True Day/Night w/ IR Cut Filter
Connectors/Switches	
Main Video Output	BNC x 1, 1.0Vpp, 75 ohm, composite video
Service Video Output	BNC x 1, pigtail cable with pcb plug
Other	
Environmental Rating	IP66
Power Requirements	All models 12VDC/24VAC dual voltage, auto-polarity 12VDC 240mA max; w/ IR; 550mA 24VAC 120mA max; w/ IR; 350mA
Operating Temperature	-10C - 50C
Humidity	Within 90% RH
Dimensions	164mm x 121.5mm (Diameter x Height)



Optional Features	
Day & Night Modes	Color / BW / Auto
Automatic Gain Control	Low / Middle / High / Off
White Balance	Selectable
Sens-up	Variable
Digital Noise Reduction	>52dB
Privacy Modes	Varies by model
Image Flip	Programmable
OSD	Programmable
Camera Title	Alphanumeric, adjustable position
Back Light Compensation	Low / Middle / High / Off
Digital Zoom	Yes
RS485	Push Terminal Block, 2 wire. Pelco D/P
IR Distance	30m/98 feet Indoor, 20m/66 feet Outdoor

PL-600/100 series Optional Accessories

Model	Description
PL600/100-HEATER	User installable Heater to allow use to -40F (-40C), 24VAC Note: Use of Heater requires operation of camera at 24VAC only
PL600/100-DC	Outdoor Dome Cover
PL-600/100-WM	Wall Mount
PL600/100-PLM	Pole Mount
PL-600/100-PDM	Pendant Mount
PL600/100-CM	Corner Mount

PL600/100 Series Feature Matrix

Model	CCD	DSP/ OSD	H Res TVL	Lens	S/N Ratio (AGC off)	Min. Illumin. (Lux)	IR LED
PL-600/100-12-DN PL600/100-12-IR PL600/100-22-DN PL600/100-22-IR	1/3" Sony Super HAD II	3DNR, hsBLC, Sens-up, OSD, Cam Title, Dig. Zoom, Privacy 4x, Flip, Intelligent IR	560/600	3.3-12mm 3.3-12mm 9-22mm 9-22mm	>52dB	0.00001 DSS on, 0.2 DSS off	None Yes None Yes