

50 Meter Infrared Vari-Focal Camera



In order to fit different security issues, the PLANET CAM-IR560V Infrared Vari-Focal Camera is newly launched to meet the demands from worldwide market. With IP66 waterproof protection, high-quality image sensor and long IR distance features, the CAM-IR560V is the ideal choice for long distance outdoor surveillance solution. It can also work with PLANET Digital Video Recorders or Internet Video Servers to create a suitable security environment for protecting your daily work and life.

With the built-in 35 pieces of IR LED, the CAM-IR560V offers long IR distance up to 50 meters. By implementing SONY 1/3" CCD sensor, Digital Wide Dynamic Range (DWDR) and 2D Noise Reduction (2DNR) functions, the CAM-IR560V brings the clearest vision during daytime and nighttime.

The CAM-IR560V equips with 6~15 mm Vari-Focal lens, which provides a range of focal lengths allowing users to zoom the image in/out with just one lens. In addition, the auto-iris function provided can automatically adjust the amount of light that passes through the lens.

KEY FEATURES

LENS

- Bullet color camera with SONY 1/3" Vari-Focal CCD sensor
- 6~15 mm (F=1.4 mm) Lens
- Viewing Angle at Horizontal 33 Degree / Vertical 25 Degree
- Pixel number : NTSC=380K / PAL=440K(High Resolution)
- Minimum Illumination : 0 LUX with built-in IR-LED

LED

- Built-in anti-aliasing and 35 Units of IR-pass (850nm) optical filter
- 50meters day/night surveillance range

VIDEO & AUDIO

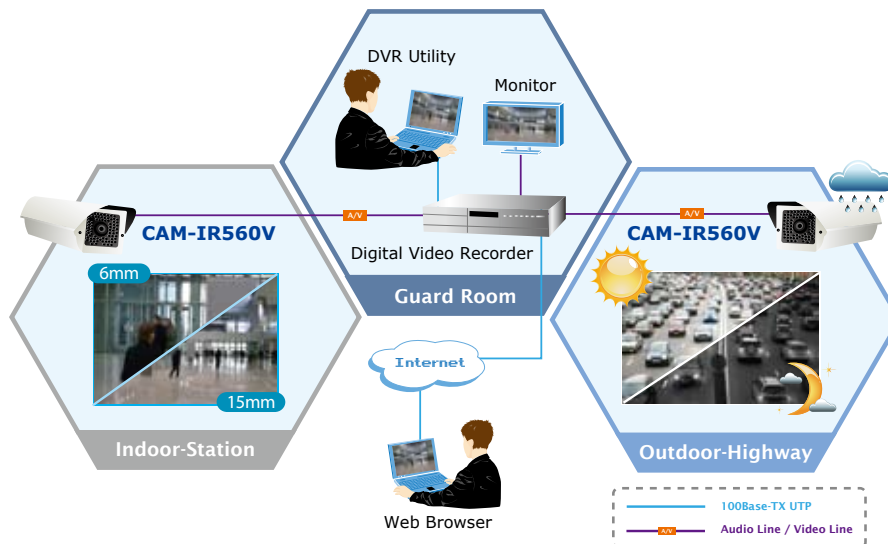
- Horizontal resolution reach 600TVL
- High S/N ratio more than 48 Db
- Auto White Balance (2500K~9500K)
- Auto Gain Control
- Auto Electronic Shutter Time (NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s)
- Embedded Digital Signal Processor (DSP) chip-set for image control
- Image Enhancement with WDR / DNR

HARDWARE

- Furnished with DC power cable and video cable
- Video Output : 1 Vp-p Composite Video / 75 Ohms

APPLICATIONS

Taking advantage of the convenient TCP/IP network, the surveillance system administrators can combine different kinds of cameras with the PLANET DVR systems to establish the Day / Night surveillance applications. Moreover, PLANET provides the central management software Cam Viewer to support the administrators efficiently manage the IP cameras in the same platform simultaneously.



SPECIFICATION

Product	50 Meter Infrared Vari-Focal Camera
Model	CAM-IR560V
Camera	
Sensor	SONY 1/3" Vari-Focal CCD
Effective Picture Elements	NTSC: 768 x 494, PAL: 752 x 582 (H x V)
Lens	6~15 mm / F1.4 Vari-Focal manual iris lens
Minimum Illumination	0 LUX with built-in IR-LED
View Angle	H: 33 Degree, V: 25 Degree
LED	
IR LED	35 Units of 850nm High Power IR LED
IR Project Distance	50 Meters
Video & Audio	
Horizontal Resolution	600 TV lines
S/N Ratio	More than 48 dB
White Balance	Automatically (2500K~9500K)
Gamma Characteristic	0.45
Gain Control	Automatically
Auto Electronic Shutter	NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s
Digital Wide Dynamic Range	DWDR ON
2D Noise Reduction	2DNR ON
Synchronous System	Internal, Negative sync
Environment	
Operating Temperature	-10 to 50 Degree C (14 to 122 Degree F)
Video Output	1 Vp-p Composite Video / 75 Ohms
Power Supply	AC 90~260V / DC 12V
Power Consumption	8.5W
Water Resistance	IP66
Dimension (W x D x H)	146 x 312 x 115 mm

ORDERING INFORMATION

CAM-IR560V-NT	50 Meter Infrared Vari-Focal Camera (NTSC)
CAM-IR560V-PA	50 Meter Infrared Vari-Focal Camera (PAL)

RELATED INFORMATION

IVS-H120	H.264 Internet Video Server
DVR-462	4-channel H.264 Digital Video Recorder
DVR-872	8-channel H.264 Digital Video Recorder
DVR-1672	16-channel H.264 Digital Video Recorder
CAM-DM33	Mini Dome Camera
CAM-IR138	15-meter Infrared Camera
CAM-IR338	30-meter Infrared Camera
CAM-IVP55	25-meter Infrared Vandal-Proof Camera
CAM-IVP55V	25-meter Infrared Vari-Focal Vandal-Proof Camera
CAM-ISD52	23x Indoor Speed Dome Camera