

15-Meter IR Camera



Secure Your Environment, Property and Life

The CAM-IR138 infrared camera provides zero-lux imaging and is designed with the water-resistant construction with IP66 waterproof solid housing. Using Sony CCD image sensor, the CAM-IR138 performs excellent color resolution of 420TV lines. In addition, its embedded Digital Signal Processor (DSP) provides the industry's more comprehensive set of performance enhancing features including Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto White Balance (AWB), anti-aliasing and IR-Pass optical filter. The versatile camera is an excellent choice for outdoor surveillance applications such as at retail stores, schools, airports, train station, banks, hotels and etc.



Full Surveillance during Day & Night

To adapt to constantly changing lighting conditions at outdoors, the CAM-IR138 comes with a removable IR-Pass filter and built-in IR illuminators to offer excellent surveillance coverage up to 15 meters away at night and enable the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The camera is able to maintain clear images 24 hours a day.



Strong Protection with IP66 Outdoor Enclosure

The CAM-IR138 applies the advanced durable IP66 waterproof housing to protect against dust, rain, snow and sun in outdoor surveillance system deployments. It can operate stably in harsh environments during -10 to 50 Degree C temperature range.



KEY FEATURES

CAMERA

- 1 /3" Sony Color CCD
- 3.6 mm Board Lens
- 0 lux Minimum Illumination at F2.0
- Maximum resolution 420 TV lines
- Anti-aliasing and IR-Pass optical filter
- Built-in high efficiency 6 IR LEDs for operation in the environment with low lightness

VIDEO

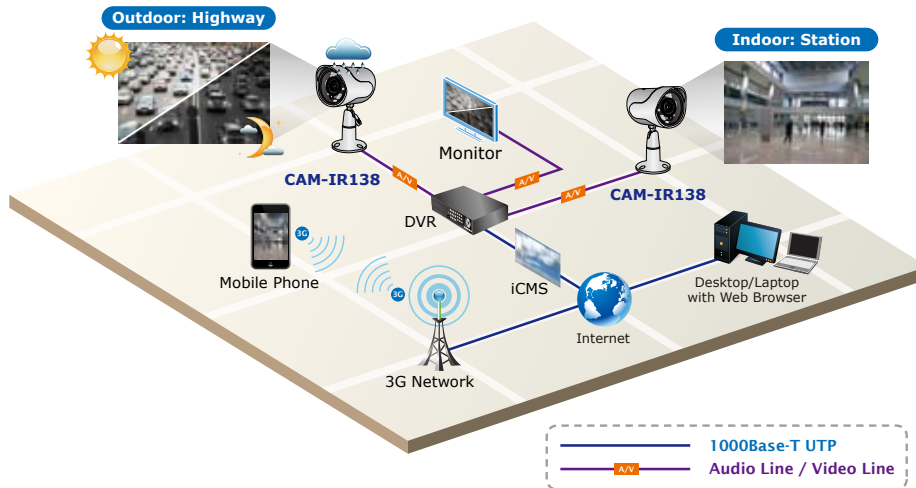
- Auto White Balance (2300K~10500K)
- Auto Gain Control
- Auto Electronic Shutter Time (NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s)
- Embedded Digital Signal Processor (DSP) chip-set for image control

HARDWARE

- Furnished with DC power cable and video cable
- Video Output: 1 Vp-p Composite Video / 75 Ohms
- IP66 outdoor protection for operation under rigorous environmental conditions

APPLICATIONS

Taking advantage of the convenient TCP/IP network, the surveillance system administrators can integrate different kinds of cameras such as the CAM-IR138 mini dome camera with PLANET DVR system to establish the outdoor secure surveillance applications.


SPECIFICATION

Product	15meter IR Camera
Model	CAM-IR138
Camera	
Image device	Sony 1/3" CCD
Lens	Board Lens 3.6mm, F1.2 Angle of view Horizontal: 71 Degree, Vertical: 52 Degree
Min Illumination	0 lux @ F2.0
Effective Pixels (H x V)	NTSC: 510 x 492, PAL: 500 x 582
IR LED	6 Units of 850nm High Efficiency IR LED
IR Project Distance	15 Meters
Video	
Horizontal Resolution	420 TV lines
S/N Ratio	More than 48 dB
White Balance	Automatic (2300K~10500K)
Gamma Characteristic	0.45
Video Output	1 Vp-p Composite Video / 75 Ohms
Function	
Gain Control	Automatic
Auto Electronic Shutter	NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s
Synchronous System	Internal, Negative sync
General	
Water Resistance	IP66
Power Supply	DC 12V, 1A
Operating Temperature	-10 ~ 50 Degree C (14 ~ 122 Degree F)
Dimension (Φ x L)	54 x 80 mm

ORDERING INFORMATION

CAM-IR138-NT	15meter IR Camera (NTSC)
CAM-IR138-PA	15meter IR Camera (PAL)

RELATED PRODUCTS

IVS-H125	H.264 Internet Video Server
IVS-H125P	H.264 PoE 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