

50 Meter IR Outdoor Camera



To meet the demands from worldwide market, PLANET Technology delivers the newly long distance analog camera, CAM-IR554. It is one of the various camera solutions offered by PLANET for users to fit in different security issues. The CAM-IR554 can be applied with PLANET Digital Video Recorders or Internet Video Server to create a suitable secure environment for protecting your work and life.

With implementing high quality Sony CCD lens, the CAM-IR554 provides clear and sharp image up to 600TVL with D-WDR and DNR. Featuring zero-lux illumination with 35 High-Power IR illuminators built around the lens brings the clearest vision at night. Applied the new LED technology, the built-in illuminators of the CAM-IR554 ensure high-quality monochrome images in total darkness as far as 50 meters. In addition, the CAM-IR554 IR camera guarantees reliable operation in any environment with its Aluminum IP66 rugged all-weather waterproof casing.

KEY FEATURES

LENS

- Bullet color camera with SONY 1/3" CCD sensor
- 8.0mm (F=1.6mm) 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

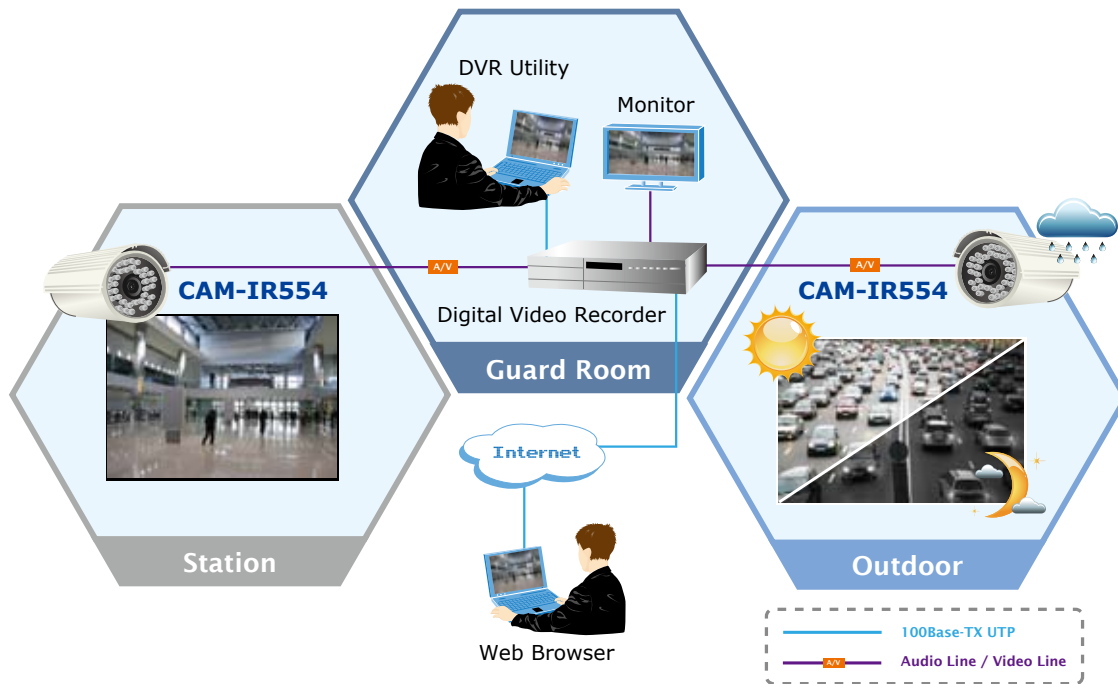
- Horizontal resolution reach 600TVL
- High S/N ratio more than 48 Db
- Auto White Balance (2500K~9500K)
- Auto Gain Control
- Auto Electronic Shutter Time (NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s)
- Embedded Digital Signal Processor (DSP) chip-set for image control
- Image Enhancement with WDR / 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 IR Outdoor Camera
Model	CAM-IR554
Camera	
Sensor	SONY 1/3" CCD
Effective Picture Elements	NTSC: 768 x 494, PAL: 752 x 582 (H x V)
Lens	8.0mm, f = 1.6mm
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 (φ x L)	110 x 230 mm

ORDERING INFORMATION

CAM-IR554-NT	50M Infrared Camera (NTSC)
CAM-IR554-PA	50M Infrared 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	15-meter Infrared Vandal-Proof Camera
CAM-IVP55V	25-meter Infrared Vari-Focal Vandal-Proof Camera
CAM-ISD52	23x Indoor Speed Dome Camera