

# 40M Infrared Vari-Focal Camera



With the built-in 40 pieces of IR LED, the PLANET CAM-IR442V is a 40M infrared vari-focal camera which offers long IR distance up to 40meters. Via using 1/3-inch CCD image sensor, ICR (IR-cut filter removable), double glass and photodiode design let CAM-IR442V brings the clearest vision during daytime and nighttime.

The CAM-IR442V equips with 9~22mm vari-focal lens, and this function provides a range of focal lengths that allows users to zoom the image in/ out with just one lens. And auto-iris function can automatically adjust the amount of light that passes through the lens.

In order to fit different security issues, the PLANET CAM-IR442V is a new product of surveillance system to meet the demands from worldwide market. With IP-67 waterproof protection, high-quality image sensor and long IR distance features will be the best choice for the outdoor solution. The different combination of cameras with PLANET Digital Video Recorders or Internet Video Servers can create a suitable security environment to protect your daily life

## KEY FEATURES

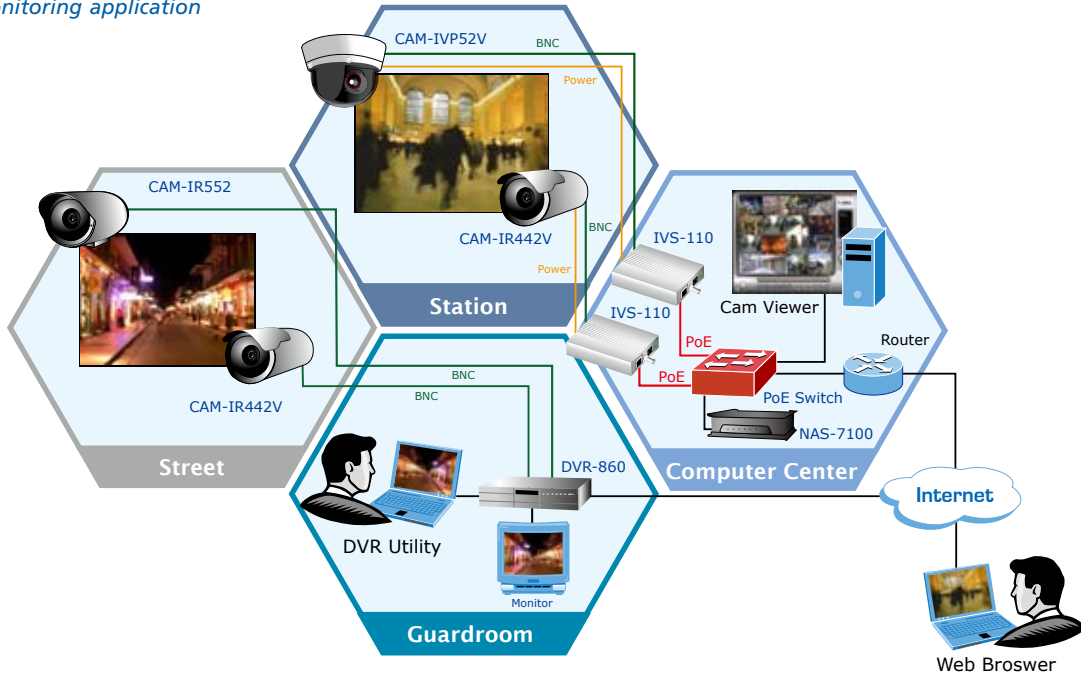
- 1/3" SONY color CCD sensor
- 9~22 mm Vari-Focal Auto-Iris lens
- IR distance up to 40 meters
- Built-in ICR (IR-cut filter removable)
- IP-67 water resistance certified
- Horizontal resolution with 420 TVL
- Photodiode design for accurate IR LED trigger activation
- Double glass for reducing the internal reflection effectively

## SPECIFICATION

Product	CAM-IR442V
<b>General</b>	
Image Pick-up Device	1/3" SONY color CCD
Horizontal Resolution	420 TVL
Lens	9~22 mm, F1.8 vari-focal auto-iris lens
Effective Pixels	NTSC: 510(H) x 492(V)
PAL: 500(H) x 582(V)	NTSC: 510(H) x 492(V)
Scanning System	NTSC: 525 lines, 60 fields PAL: 625 lines, 50 fields NTSC: 525 lines, 60 fields
Electronic Shutter	Automatically NTSC: 1/60~1/100000 sec PAL: 1/50~1/100000 sec
S/N Ratio	More than 48 dB
White Balance	AWB (2400~9600°K)
Illuminator	0.3 lux
IR LED	40 pcs
IR Distance	Up to 40 meters
IR Trigger	IR On / Off @ 3.1 lux / 3.7 lux
Day / Night	Built-in ICR (IR-cut filter removable)
Video Output	Composite 1.0 Vp-p, 75 ohm
Waterproof	IP-67
<b>Environment</b>	
Power Requirement	12V DC, 1.0A
Dimensions (W x D x H)	88 x 150.5 x 95 mm
Weight	900 g
Operating Temperature	-10 ~ 50 Degree C
Emission	CE, FCC

APPLICATIONS

Remote monitoring application



ORDERING INFORMATION

CAM-IR442V-NT	40M Infrared Vari-Focal Camera (NTSC)
CAM-IR442V-PA	40M Infrared Vari-Focal Camera (PAL)

RELATED INFORMATION

IVS-110	1-channel MPEG-4 Internet Video Server
DVR-460	4-channel MPEG-4 Digital Video Recorder
DVR-860	8-channel MPEG-4 Digital Video Recorder
DVR-470	4-channel H.264 Digital Video Recorder
DVR-1670	16-channel H.264 Digital Video Recorder
CAM-DM33-NT	Mini Dome Camera (NTSC)
CAM-DM33-PA	Mini Dome Camera (PAL)
CAM-VP38-NT	Vandal-Proof Dome Camera (NTSC)
CAM-VP38-PA	Vandal-Proof Dome Camera (PAL)
CAM-IR138-NT	15M Infrared Camera (NTSC)
CAM-IR138-PA	15M Infrared Camera (PAL)
CAM-IR338-NT	30M Infrared Camera (NTSC)
CAM-IR338-PA	30M Infrared Camera (PAL)
CAM-IVP52-NT	15M Infrared Vandal-Proof Camera (NTSC)
CAM-IVP52-PA	15M Infrared Vandal-Proof Camera (PAL)
CAM-IVP52V-NT	25M Infrared Vari-Focal Vandal-Proof Camera (NTSC)
CAM-IVP52V-PA	25M Infrared Vari-Focal Vandal-Proof Camera (PAL)
CAM-IR552-NT	50M Infrared Camera (NTSC)
CAM-IR552-PA	50M Infrared Camera (PAL)