

CCD Box Camera



The PLANET CAM-BX42 is a CCD Box camera equipped with the SONY Super HAD CCD. Using 1/3-inch CCD image sensor and DSP (Digital Signal Processor) enables CAM-BX42 bring the clearest vision.

The CAM-BX42 can be flexibly implemented as it offers the AES (Auto Electronic Shutter), AIC (Auto Iris Control), AGC (Auto Gain Control), BLC (Backlight Compensation) and FLK (Flickerless) features. It also supports C and CS mount lens for both DC-drive and Video-drive auto iris lens.

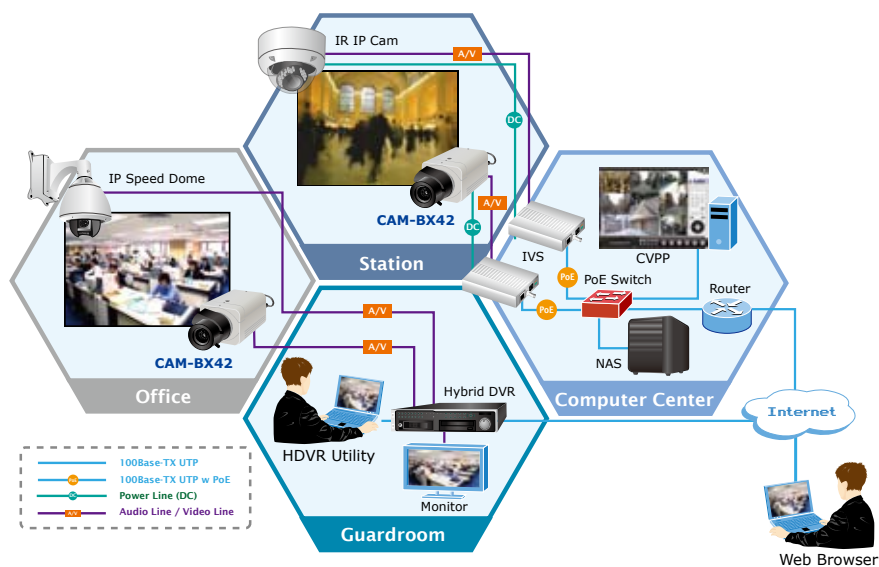
In order to fit different security issues, the PLANET CAM-BX42 is a new surveillance system product to meet the demands from worldwide market. The different combinations of cameras with PLANET Digital Video Recorders or Internet Video Servers can create a suitable security environment to protect your daily life.

KEY FEATURES

- 1/3" SONY CCD sensor
- Horizontal resolution with 420TVL
- Min. illumination 0.05 lux @ F1.2
- Supports both C and CS lens
- Support both DC-drive and Video-drive auto iris lens
- Embedded Digital Signal Processor (DSP) chip-set for image control
- Pixel number: NTSC=270K / PAL=320K (Normal Resolution)
- High sensitivity, low smear, high anti-blooming and high S/N ratio
- Powerful functions: Auto Electronic Shutter (AES), Auto Iris Control(AIC), Auto Gain Control (AGC)
- Auto White Balance (AWB), Back Light Compensation (BLC)
- Built-in Anti-Aliasing and IR-Cut optical filter

APPLICATIONS

Making use of the convenience of TCP/IP network, the surveillance system administrators can combine CAM-BX42 and other different kinds of cameras with the PLANET DVR system to establish the surveillance applications.



SPECIFICATION

Product	CCD Box Camera
Model	CAM-BX42
General	
Image pick-up device	SONY 1/3" CCD Normal Resolution
Effective Picture Elements	NTSC: 510*492, PAL: 500*582 (H*V)
Horizontal Resolution	420 TVL
Minimum Illumination	0.05 LUX @ F1.2
Auto Electronic Shutter	ON : NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s OFF :NTSC:1/60s, PAL:1/50s
Signal To Noise Ratio	More than 50dB (AGC Off)
Auto Iris Control	Video-Drive Lens & DC-Drive Lens both supported
Gamma Characteristic	0.45
Lens Mount	C or CS mount adjustable
Gain Control	Automatically
White Balance	Automatically (2500K~9500K)
Back Light Compensation	ON/OFF Switch-able
Synchronous System	Negative sync. Internal
Video Output	1 Vp-p Composite Video / 75 Ohms. BNC connector.
Environment	
Power Request	DC12V/ 400mA , 50/60 Hz
Power Consumption	3.5W
Dimension (W x D x H)	50 x 125 x 60 mm
Weight	280 g
Operating Temperature	-10 ~ 50 Degree C

ORDERING INFORMATION

CAM-BX42-NT	CCD Box Camera (NTSC)
CAM-BX42-PA	CCD Box Camera (PAL)

RELATED INFORMATION

IVS-110	1-channel MPEG-4 Internet Video Server
DVR-461	4-channel H.264 Digital Video Recorder
DVR-471	4-channel H.264 Digital Video Recorder
DVR-1671	16-channel H.264 Digital Video Recorder
CAM-BX53-NT	Hi-Resolution CCD Box Camera (NTSC)
CAM-BX53-PA	Hi-Resolution CCD Box Camera (PAL)
CAM-DM33-NT	Mini Dome Camera (NTSC)
CAM-DM33-PA	Mini 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-VP38-NT	Vandal-Proof Dome Camera (NTSC)
CAM-VP38-PA	Vandal-Proof Dome 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-IR442V-NT	40M Infrared Vari-Focal Camera (NTSC)
CAM-IR442V-PA	40M Infrared Vari-Focal Camera (PAL)
CAM-IR554-NT	50 Meter IR Outdoor Camera (NTSC)
CAM-IR554-PA	50 Meter IR Outdoor Camera (PAL)
CAM-ISD48-NT	23x Indoor Speed Dome Camera (NTSC)
CAM-ISD48-PA	23x Indoor Speed dome Camera (PAL)