23x Indoor Speed Dome Camera

The PLANET CAM-ISD48 Speed Dome Camera uses Sony super-HAD CCD and provides 480TVL high resolution in detail and high quality image.

The Built-in ICR filter, during low-light condition, allows reflected infra-red light generated by separated IR illuminator to pass onto CCD for producing clear image in black-white.

Should no IR source be supplied in dark, and the slow shutter, an available function in OSD menu, will do great help in producing bright enough image by accumulating 2 or more frames to make one picture. The DSS function will be disengaged when light is enough for keeping normal shutter speed.

Via providing 23x optical / 10x digital zoom, the Vari-Focal lens gives surveillance managers the wide and variable range view. Self-calibrating function built-in, the camera will realign the camera module periodically and automatically, and ensure the PTZ camera will work smoothly and correctly.
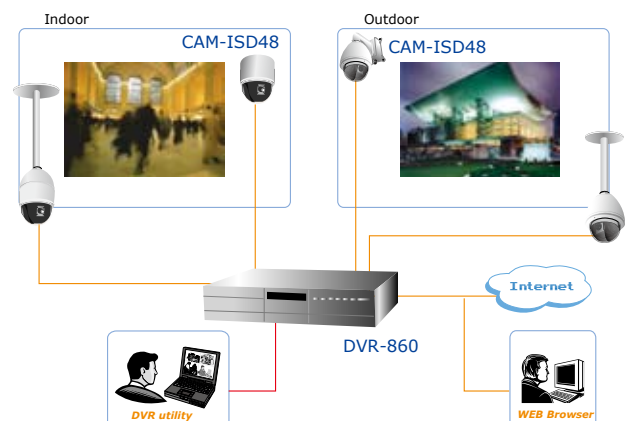
With Variable and high performance function, providing ceiling mount and wall mount kit for different user request and outdoor housing for users to locate cameras in outdoor environment, the CAM-ISD48 will be the best choose for the analog camera products.

Key Features

- High resolution color CCD 480 TV lines

- 23x optical / 10x digital zoom

- Continuous panning for 360°; Tilt for 90° +auto-rotation (180°)

- Fast rotation speed, up to 300° per second

- RS-485 digital control, supporting multi-nude topology

- BNC connector for video output

- Programmable for view position, speed and dwell

- View position preset, up to 64 points

- Auto-pan and 4 groups of tour

- 3 alarm inputs and 1 alarm output

- Compatible with Pelco D and Pelco P protocols

- Internal ID setup function, maximum to 128

- Compatible with keyboard and DVR for CCTV system

- Compatible with PC and video server for WAN / LAN surveillance

- For embedded, surface, wall and ceiling mount

- External housing for severe outdoor environment (Option)

Applications

Because of the convenience of TCP/IP network, the surveillance system administrators can combine different kinds of cameras with the PLANET DVR system to establish the Day / Night surveillance applications. With CAM-ISD48, it can provide more flexible for users to setup their cameras anywhere.

SPECIFICATION

Product	23x Indoor Speed Dome Camera
Model Name	CAM-ISD48
CCD Module	1/4" Sony Super HAD
Horizontal Resolution	480 TVL
Effective Pixels	NTSC: 410K PAL: 470K
Sensitivity	0.1 Lux
Lens	F= 3.6~82.8mm / f: 1.6~3.8
Scanning System	NTSC: 525 lines 2:1 interlace PAL: 625 lines 2:1 interlace
Scanning Frequency	NTSC: 15,734Hz(H) 60Hz(V) PAL: 16,625Hz(H) 50Hz(V)
Electronic Shutter	NTSC: 1/60-100,000sec PAL: 1/50-100,000sec
Signal to Noise	More than 50dB (AGC off)
Gain Control	AGC
White Balance	Auto ATW 2500-9500 Degree K
BLC	Auto
Gamma Correction	0.45
ICR	Auto or Manual
SYNC System	Internal
Video Output	Composite 1.0 Vp-p at 75 ohm, BNC
Pan / Tilt Speed	Pan: 300 Degree per second Tilt: 240 Degree per second
Slow Shutter / Frame Integration	2x, 4x, 6x, 8x, 12x, 16x, 32x, 64x
Preset Point	64
IP Rating	IP-66
Control Interface	RS-485
Power Consumption	DC 12V, 650 mA
Operation Condition	Operating: -10~60°C Storage: -20~70°C Humidity: 0 ~ 95%, non-condensing
Dimensions (Φ x H)	114 x 180 mm
Weight	1270g

ORDERING INFORMATION

CAM-ISD48-NT	23x Indoor Speed Dome Camera (NTSC)
CAM-ISD48-PA	23x Indoor Speed Dome Camera (PAL)

ACCESSORIES

CAM-WM	Wall Mount Kit for CAM-ISD48
CAM-CM	Ceiling Mount Kit for CAM-ISD48
CAM-OH	Outdoor Housing for CAM-ISD48 (Includes Wall/Ceiling Mount Brackets)

RELATED PRODUCTS

IVS-110	1-channel MPEG-4 PoE 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-IR442V-NT	40M Infrared Vari-Focal Camera (NTSC)
CAM-IR442V-PA	40M Infrared Vari-Focal Camera (PAL)
CAM-IR552-NT	50M Infrared Camera (NTSC)
CAM-IR552-PA	50M 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-KB300	3-Asix Control Keyboard

Data Sheet   01-08   C-CAMISD48

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