VP-HDA30IR-PM

300M IR ILLUMINATION 30:1 HIGH DEFINITION ANALOGUE PTZ DOME

Using Sony STARVIS low light back illumination technology.

STARVIS

The VP-HDA30IR-PM is a PTZ dome with integral IR illumination, offering 30:1 optical zoom in full HD 1080p resolution in both TVI and AHD High Definition Analogue (HDA) formats. Included are a wide range of features, making it suitable for an extensive range of applications.

The VP-HDA30IR-PM camera uses Sony STARVIS technology to deliver superb 1080p images with excellent low light performance. The integral IR LED tracks with the zoom of the camera to provide optimal illumination for distances upto 300m.

Coming as a sealed unit that simply needs to be mounted with your chosen bracketry, then powered up. Being of sealed design, there is no need need to open the dome and being exposed to moisture during installation, avoiding the chance of condensation during operation. The dome default settings allow it to work automatically out of the box on TVI coax (for image and control) and for CVBS applications, auto sensing Vista RS485, Pelco D or Pelco P telemetry protocols, reducing installation time.

The VP-HDA30IR-PM includes 4 alarm inputs and 2 alarm outputs on the flying lead, along with 240 presets, 8 preset tours and 8 learn tours. The domes 360° continual rotation and variable speed control between 0.10/sec and 380°/sec provides the operator excellent control, allowing easy tracking of moving objects.

Supplied with a quick fit, quarter turn bayonet adaptor, this fits into any standard 1.5'' NPT threaded bracket - making installation quick, easy and avoids excessive twisting on cabling.

Key Features:

Full HD TVI & AHD imaging
Full HD 1920x1080 resolution in TVI and AHD ensures excellent images over the coax

300m Tracking IR Illumination
The integral IR is synchronised with the camera zoom function to provide optimum illumination upto 300m

Triple Format
A TVI / AHD output provides 1080p images and control over the coax, a separate CVBS (600TVL) output used with the auto sensing RS-485 ensures compatibility with all modern DVRs

Multiple inputs and output
4 alarm inputs and 2 alarm outputs allow for simple direct connection to the camera

Wide Dynamic Range (WDR)
120dB of WDR improves image quality in challenging lighting situations

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TECHNICAL SPECIFICATION

Model	VP-HDA30IR-PM
IMAGE	
Resolution	TVI: 1080p / AHD: 1080p / CVBS: 600TVL
Sensor	1/2.8" Sony STARVIS CMOS
Pixels	1945(H) x 1109(V)
Operation	True Day/Night
Scanning Mode	Progressive
Video Output	TVI or AHD & CVBS (PAL)
Optical / Digital Zoom	30:1 / 16x
Focal length	f4.3mm - 129mm
F stop	F1.6 - 4.7
Horizontal angle of view	4.3mm – 65.1° / 129mm – 2.23°
Min Illumination	0.35Lux @ 50IRE (Colour), 0.013Lux @ 50IRE (Monochrome), 0Lux (with IR on)
IR Illumination	Synchronised IR LED& Fixed IR LED to 300m
WDR	120dB
Defog	Yes
Noise Reduction	3DNR
Exposure Control	Auto, Manual, Shutter Priority, Iris Priority
White Balance	Auto, Incandescent, Flourescent, Outdoor, Manual
Shutter Speed	25ips: Auto (1/30,000 to x8 sec.), Manual 50ips: Auto (1/50,000 to x8 sec.), Manual
Tilt angle	-10° to 90° (Digital Flip)
Auto Calibration	0.1° - 6°
Panning angle	360° Continuous Rotation
Max Speed	380° /sec.
Alarms	4 Input, 2 Outputs (5v TTL)
Auto Scan	1 Auto Pan, 16 Auto Scans
Preset	240
Pattern	8
Tour	8
Area Title	8 areas with title (upto 12 characters)
Privacy Zone	16
Telemetry Control	Coaxial: Hikvision C / Pelco C RS-485: Auto 485 / Vista / Pelco P & D / Fastrax 2 & 2E
Baud Rate	2400, 4800, 9600, 19200, 38400
ID (Camera Address)	3999
Video Connection	TVI or AHD: BNC and CVBS: BNC
Video Output	1.0 Vp-p (75 ohm, composite)
Dimension (unit)	Ø201.8 x 313 (H) mm
Dimension (boxed)	425(H) x 340(W) x 340(D) mm
Weight (net)	4.9 Kg
Weight (gross)	6.2 Kg
Operating temperature	-30°C to 65°C
Operating humidity	0 to 90%RH (non-condensing)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
IP Rating	IP66
Vandal Resistance	Built to IK10
Power Source	24VAC (+/- 10%)
Power Consumption	2.6A (38.0W) @ 24VAC

Models In This Range

0771360
VP-HDA30IR-PM

Associated Products

0498960
VPL-EWMBe
Wall Bracket

0457230
VDM-ECMA
Corner mount adaptor for wall bracket

0457240
VDM-EPMAg
Side pole adaptor for wall mount bracket

0690320
VDM-TMJB
Tower mount with junction box

CE

DS - VP-HDA30IR-PM - Version 1