

VISTA VP-960H PTZ DOME RANGE



THE NEXT GENERATION OF POWERDOME

The PowerDome 960H series of fully functional PTZ dome cameras offer a wide range of advanced features and solutions, making them ideal for an extensive range of applications. The VP-960H cameras use Sony 960H technology to deliver a superb 700TVL resolution image.

Available with two camera models, 36:1 or 22:1 optical zoom, with smoked or clear bubble options. This combined with the wide range of high end features ensures the installer can be confident of finding a solution to meet the vast majority of requirements.

The dome default settings allow it to work automatically out of the box on Vista Coax, Vista RS485, Pelco D or Pelco P telemetry protocols, reducing installation time.

The VP-960H includes 8 alarm inputs and 4 alarm outputs at the dome head, along with 240 presets, 8 preset tours and 8 learn tours. The domes 360° continual rotation and variable speed control between 0.1°/sec and 380°/sec provides the operator excellent control, allowing easy tracking of moving objects.

The cameras OSD menu structure is based on Vista's popular VPL series, providing installers with a consistent interface across Vista's analogue PTZ camera range. The back box memory and pan/tilt offset adjustment allows easy replacement of camera modules whilst retaining the domes configuration.

A range of in ceiling mounting brackets is available with options of clear or smoked bubbles. The external housing which is also available with either clear or smoke bubbles, fits Vista's standard range of mounting brackets.



Key Features:

High resolution 960H imaging

Provides class leading 700TVL resolution colour and monochrome images to deliver greater than 25% image quality when used with a 960H DVR

2 camera module options

36:1 or 22:1 optical zoom, true day/night camera options are available

Multiple telemetry protocols both RS485 and FSK

The dome auto detects Vista coax, Vista 485, Pelco D and P Telemetry protocols making the installation quick and easy

Multiple inputs and outputs

8 Alarm inputs and 4 alarm outputs at the camera head allows for simple direct to camera local installation

Multiple programmable functions

240 Preset positions, 8 Preset tours and 8 Learn tours

Back Box memory

The domes settings can be stored in the back box allowing quick replacing of dome heads



FLEXIBILITY BY DESIGN™

MODEL NUMBERS IN THIS RANGE

0690390	VP-22DN-960H/BC	22x Day/Night internal dome, clear bubble
0690400	VP-22DN-960H/BS	22x Day/Night internal dome, smoked bubble
0690420	VP-36DN-960H/BC	36x Day/Night internal dome, clear bubble
0690410	VP-36DN-960H/BS	36x Day/Night internal dome, smoked bubble
0498720	VDM-EXTHSG/C	External housing clear bubble IP66 (Built to IK10)
0680960	VDM-EXTHSG/S	External Housing smoked bubble IP66
0697360	VDM-ICM/C	In ceiling mounting kit cream trim ring- no bubble
0498730	VDM-ICM/B	In ceiling mounting kit black trim ring- no bubble
0697370	VDM-ICMD/C	In ceiling mount kit cream trim ring - integral smoked bubble
0697350	VDM-ICMD/B	In ceiling mount kit black trim ring - integral smoked bubble
0496080	VPSU243EXT	External power supply 24VAC, 3A, IP66
0396160	VPD-PSU1e	Internal encapsulated power supply 24VAC, 1.5A

ASSOCIATED MOUNTING BRACKETS

0690320	VDM-TMJB	Tower mount swan neck bracket with junction box
0498960	VPL-EWMBE	Wall mount bracket
0457230	VDM-ECMA	Corner mount adaptor for wall bracket
0457240	VDM-EPMAg	Side pole adaptor for wall mount bracket

TECHNICAL SPECIFICATION

Model		VP-22DN-960H	VP-36DN-960H
Camera Option	Feature	22x D/N	36x D/N
	Image Sensor	1/4" 960H Super HAD CCD II	1/4" 960H Super HAD CCD II
	Focal Length	3.9 ~ 85.8mm	3.4 ~ 122.4mm
	Optical Zoom	22x	36x
	Digital Zoom	16x (on / off)	16x (on / off)
	WDR	on / off	on / off
	Resolution	700 TVL	700 TVL
Mechanical	Sensitivity	0.00001 Lux (B/W & Low Shutter)	0.00001 Lux (B/W & Low Shutter)
	Pan / Tilt speed (Manual)	Preset : 380° /sec	Preset : 380° /sec
	Preset Speed	Manual : Max 380° /sec (Turbo)	Manual : Max 380° /sec (Turbo)
	Rotation	Pan : 360° Continuously, Tilt : -10° ~ 190°	Pan : 360° Continuously, Tilt : -10° ~ 190°
	Auto Flip	Digital Flip / Auto Flip	Digital Flip / Auto Flip
	Zoom Speed control	Auto	Auto
	Zoom Speed	5.4s / 6.0s (Wide / Tele)	5.9s / 6.1s (Wide / Tele)
Operation Features	Preset	240 with titles	240 with titles
	Auto Panning	1 Auto Pan & 16 Auto Scan	1 Auto Pan & 16 Auto Scan
	Privacy Mask	8	8
	Preset Tour	8 (Tour)	8 (Tour)
	Learn Tour	8 (Pattern), up to 500 sec	8 (Pattern), up to 500 sec
	Built in Alarm	8 Inputs, 4 Outputs	8 Inputs, 4 Outputs
	Language	7 (English, French, German, Italian, Polish, Portuguese, Spanish)	7 (English, French, German, Italian, Polish, Portuguese, Spanish)
Environmental	Menu	OSD	OSD
	Digital Image Stabilization	On / Off (Module)	On / Off (Module)
	Temperature	0° ~ 50° (Indoor), -50° ~ 50° (Using external housing)	0° ~ 50° (Indoor), -50° ~ 50° (Using external housing)
Electrical	Humidity	0 ~ 90% RH (Non-condensing)	0 ~ 90% RH (Non-condensing)
	Protection	IP66 (Outdoor), Vandal resistant IK10 (Clear bubble) Surge Protection	IP66 (Outdoor), Vandal resistant IK10 (Clear bubble) Surge Protection
Electrical	Power Supply	24VAC/VDC, 50/60Hz	24VAC/VDC, 50/60Hz
	Power Consumption	20W (PowerDome Camera), 50W (With Heater & Fan, in external housing)	20W (PowerDome Camera), 50W (With Heater & Fan, in external housing)
General	Receiver	Built-in	Built-in
	Video Output	BNC	BNC
	Telemetry Protocols	Vista Coax, Vista 485, Pelco-P/D, Fastrax II/IE, Sensormatic 422, Philips (Bosch), Vicon	Vista Coax, Vista 485, Pelco-P/D, Fastrax II/IE, Sensormatic 422, Philips (Bosch), Vicon
	Baud Rate	2400 / 4800 / 9600 / 19200 / 38400 bps	2400 / 4800 / 9600 / 19200 / 38400 bps
	ID Range	1 ~ 999 (3999 by Software Setting)	1 ~ 999 (3999 by Software Setting)
	Bubble	Clear, Smoke	Clear, Smoke
	Fan & Heater (Outdoor)	Fan works continuously, Heater starts automatically	Fan works continuously, Heater starts automatically
	Dimensions	Ø125 x 199 (H) mm (Indoor), Ø234 x 278 (H) mm (Outdoor)	Ø125 x 199 (H) mm (Indoor), Ø234 x 278 (H) mm (Outdoor)
Weight	1.2 Kg (Indoor), 4.0 Kg (Outdoor)	1.2 Kg (Indoor), 4.0 Kg (Outdoor)	



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