



THE NEXT GENERATION OF POWERDOME

The PowerDome^{PRO} series of external dome cameras offer a wide range of advanced features and solutions, making them ideal for an extensive range of applications. The real time information display gives details of working temperature and fan speed, allowing for quick and easy set-up and diagnosis of the system. RS485 and coax telemetry protocols allow the range to work with the majority of popular control systems with the coaxial control allowing for the upgrade of existing static cameras to PTZ with no extra cable requirements.

There are seven alarm inputs and two alarm outputs in each dome head, along with 220 presets, 4 preset tours and 4 learn tours. The back box memory allows easy swapping of camera modules without losing settings. Available with three camera modules and four bubble colours. Combined with the wide range of features available across the range, installers can be confident of finding a solution to meet the vast majority of their requirements.

Because no two installation sites are the same, the PowerDome^{PRO} series is able to tilt up 5° above the horizon, allowing for the most effective viewing area to be achieved. 8 privacy zones can be set to block out sensitive areas, while the inner liner makes it difficult to see which way the dome is pointing, allowing for efficient and effective surveillance.

To learn more about this product range please visit us at vista-cctv.com

Wall bracket sold separately.



Key Features:

Back box memory

Allows the camera modules to be swapped without the need to re-program the new module

Built-in alarms

7 alarm inputs in the dome head make installation very simple and provide advanced alarm handling

Internal clock

Allows for the scheduling of any function through 8 different time periods in any 24 hours. Daylight saving time built-in

Double-skinned external housing

Provides better vandal resistant protection and, in hotter climates, additional protection

Standard and vandal resistant bubble options available

Choice of standard acrylic or polycarbonate vandal resistant bubble options available in clear or smoked options

4 camera module options

22:1 colour, 18:1 day/night, 30:1 day/night and 35:1 day/night

Telemetry Options

Coax: Vista, BBV, Pelco (up to 250m on solid copper RG59)

RS485: Vista, Pelco P, Pelco D, AD (Manchester), Philips

MODELS IN THIS RANGE

0452120	VPP-H22C-WP-C	22:1 Colour external pendant clear bubble
0452130	VPP-H22C-WP-S	22:1 Colour external pendant smoked bubble
0470750	VPP-H18D-WP-C	18:1 Day night 1/3" low light external pendant clear
0470760	VPP-H18D-WP-S	18:1 Day night 1/3" low light external pendant smoked
0451680	VPP-H30D-WP-C	30:1 Day/Night external pendant clear bubble
0451690	VPP-H30D-WP-S	30:1 Day/Night external pendant smoked bubble
0451720	VPP-H35D-WP-C	35:1 Day/Night external pendant clear bubble
0451730	VPP-H35D-WP-S	35:1 Day/Night external pendant smoked bubble
0470780	VPP-H18D-WV-C	18:1 Day night 1/3" low light vandal resistant pendant clear
0470770	VPP-H18D-WV-S	18:1 Day night 1/3" low light vandal resistant pendant smoked
0451700	VPP-H30D-WV-C	30:1 Day/Night Vandal resistant pendant clear bubble
0451710	VPP-H30D-WV-S	30:1 Day/Night Vandal resistant pendant smoked bubble
0451750	VPP-H35D-WV-C	35:1 Day/Night Vandal resistant pendant clear bubble
0451740	VPP-H35D-WV-S	35:1 Day/Night Vandal resistant pendant smoked bubble

TECHNICAL SPECIFICATION

CAMERA OPTIONS

Feature	22:1 Colour	18:1 D/N	30:1 D/N	35:1 D/N
Image sensor	1/4" Hitachi	1/3" Hitachi	1/4" Hitachi	1/4" Hitachi
Focal length	4-88mm	4.7 -84.6mm	3.5-102mm	3.4-119mm
Digital zoom	12x (on/off)	12X (on/off)	12x (on/off)	12x (on/off)
WDR	N/A	N/A	on/off	on/off
Resolution	460TVL	520TVL	550TVL	540TVL
Sensitivity (1/50th)	1 lux	0.25 lux B/W	0.5 lux BW	0.5 lux BW

MECHANICAL

Pan/Tilt speed (manual)	0.1°-160°/s
Preset speed	360°/s (Average) 540°/s (Max)
Rotation	Pan 360° continuously Tilt 0°-90°
Auto flip	Rotates 180° at the bottom of a tilt travel
Zoom speed control	Auto
Zoom speed	4.2s/5.8s (wide/tele), 3.9s/6.3s (wide/tele)

OPERATION FEATURES

Preset	220 with titles
Auto panning	0°-355° programmable, 4 auto panning
Areas	8 with titles
Privacy mask	0 on 22:1, 8 on 23:1, 8 on 35:1
Preset tours	4
Learn tours	4
Built-in alarm	7 inputs, 2 outputs

ENVIRONMENTAL

Temperature	0° to +50° (Indoor) -40° to +70° (Outdoor)
Humidity	0-95%
Protection	IP66, TVS 4000V protection against lightning, surge protection

ELECTRICAL

Power Supply	24V AC 50/60Hz
Power Consumption	15W (indoor) 65W (outdoor)

GENERAL

Receiver	Built-in
Video output	Female BNC and Twisted Pair UTP as standard
Telemetry protocols	Vista RS485 and Coax, Pelco P, D and coaxitron, BBV coax, AD Manchester protocol
Baud Rate	2400/4800/9600/19200bps
ID Range	1-254
Bubble	Clear, smoked, vandal resistant (Chrome and Gold as special order)
Fan & heater (Outdoor)	Fan works continuously, heater starts automatically
Dimensions	251x204mm (HxDia) (surface) 283x247mm (HxDia) (ceiling) 308x218mm (HxDia) (indoor/outdoor)
Weight	4.1Kg (surface) 4.3Kg (in-ceiling) 5.6Kg (indoor) (bracket excluded) 6.3kg (outdoor) (bracket excluded)

ASSOCIATED PRODUCTS

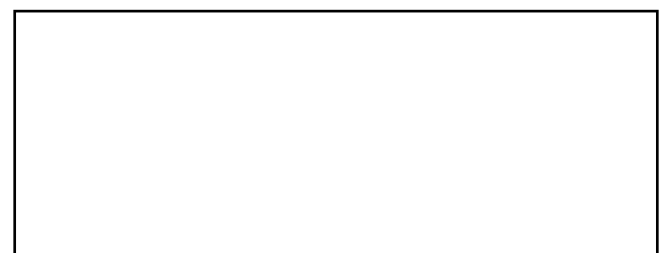
0452100	VPP-WM	Wall mount bracket
0457230	VDM-CMAg	Corner mount adapter
0452090	VPP-ESM	External swing arm mount
0457240	VDM-EPMAg	External pole mount
0470440	VPP-TM	External tower mount
0444810	VPD-P2000	Internal 2000m pendant mount extension
0094140	VPD-P1000	Internal 1000m pendant mount extension
0444790	VPD-P500	Internal 500m pendant mount extension
0444780	VPD-P250	Internal 250m pendant mount extension
0276230	VDM-PA-PD	Pole mount adapter for PowerDome
0276240	VDM-2MP	2 metre pole for VDM-PA-PD
0276250	VDM-C	Coupler to connect 2x VDM-2MPs

OPTIONAL TELEMETRY BOARDS

0451960	VPP-AD	AD Manchester code board
0451970	VPP-Philips	Philips Bi-phase board
0451980	VPP-Pelco-C	Pelco coaxitron board
0451990	VPP-BBV-C	BBV coax board

ACCESSORIES

0093990	VPD-PSU1	PSU dust proof 230V AC, 24V AC
0496080	VPSU243EXT	PSU weather proof 230V AC, 24VAC, 72VA
Remote keyboard		VKDB3im, VKBD1



No liability will be accepted by Vista for any errors or omissions in this information.

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