

VISTA POWERDOME^{PRO} 18:1 HIGH SENSITIVITY PTZ DOME CAMERA



HIGH-PERFORMANCE IMAGING - DAY AND NIGHT

The highly-featured Vista PowerDome^{PRO} 18:1 low light dome utilises a highly-efficient 520TVL resolution 1/3" CCD. It provides exceptional low light and IR responsive imaging, and is suitable for true day/night surveillance applications.

Complementing the existing range of Vista PowerDome^{PRO} series dome cameras, the PowerDome^{PRO} 18:1 low light dome represents exceptional value for money. Allowing the dome to work with the majority of popular control systems, it includes multiple RS485 and coax telemetry protocols (up to 250m on solid copper RG59). Its coax control allows the upgrade of existing static cameras to PTZ, without the need for extra cable requirements. It is also backwardly compatible with previous Vista PowerDomeTM models.

Saving on post-maintenance installation set-up, the PowerDome^{PRO} 18:1 low light dome features a handy Back Box Memory that allows the easy replacement of camera modules, without the loss of any settings. A tilt up +5 degree feature allows the viewing area to be adjusted to suit individual site requirements.

Offering a host of alarm trigger options, the dome camera features seven-alarm inputs and two alarm outputs in the dome head. Alarm inputs from external devices can be used to trigger any of the dome's P/T functions, presets, Tours & Learn Tours, as well as generating warnings.

A multi-lingual on-screen display (OSD) provides simple and intuitive set-up, whilst for use within areas of sensitive scene coverage, the dome features 8-integrated programmable 'privacy zones', that ensure areas of sensitive content are screened from operator view.

To suit any application, PowerDome^{PRO} 18:1 low light dome is available with the option of four housing styles and four bubble colours. An inner liner makes it difficult to identify which way the dome is pointing.

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



Key Features:

1/3" CCD sensor with superior low light performance

The 1/3" CCD chip provides excellent low light performance as well as being very responsive to IR lighting, allowing the installer to use low running cost IR LED illuminators for night-time viewing

Built-in alarms

7 Alarm inputs and 2 Alarm outputs in the dome head make installation very simple. These alarm inputs can be controlled via the internal clock to schedule them to be active or inactive at certain times during the day.

Internal clock

Allows for the scheduling of functions such as: Timed tours; Alarm enabling etc throughout the day. The internal clock responds to Day Light Saving Time changes to avoid the need to be reset twice a year

Double skinned external housing

The dome's heavy-duty, double-skinned aluminum die-cast enclosure provides better vandal resistant protection, and sunshield protection when used in hotter climates.

Standard and Vandal resistant bubble options

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

RS485 & Coaxial multi-protocol telemetry

Multiple protocols allow the installer to use the dome with many different manufacturers control equipment

THE PROFESSIONAL CHOICE

MODELS IN THIS RANGE:

0470750 VPP-H18D-WP-C	18:1 High Sensitivity Day/Night external pendant clear bubble
0470760 VPP-H18D-WP-S	18:1 High Sensitivity Day/Night external pendant smoked bubble
0470780 VPP-H18D-WV-C	18:1 High Sensitivity Day/Night external pendant vandal clear bubble
0470770 VPP-H18D-WV-S	18:1 High Sensitivity Day/Night external pendant vandal smoked bubble

TECHNICAL SPECIFICATION

CAMERA	
Image Sensor	1/3" Sony
Focal Length	4.7-84.6mm (3.1° to 54.7°)
Digital Zoom	12X (on/off)
Resolution	520TVL
Sensitivity	0.25Lux @ 1/50th (0.0025Lux @ 1/3rd Integration)
MECHANICAL	
Pan/Tilt Speed (Manual)	0.1°~160°/s
Preset Speed	360°/s(Average) 540°/s (Max)
Rotation	Pan 360°continuously Tilt +5°-90°
Auto Flip	Rotates 180°at the bottom of a tilt travel
Zoom Speed Control	Auto
Zoom Speed	3.5s mechanical, 1 second digital
OPERATION FEATURES	
Presets	220 with titles
Auto Pan	0°~355°programmable, 4 available
Areas	8 with titles
Privacy masks	8
Preset Tours	4
Learn Tours	4
Alarms	7 Inputs 2 outputs in the housing
ENVIRONMENTAL	
Operating Temperatures	-40°C +70°C
Humidity	0~95%
Protection	IP66 ,TVS 4000V lightning protection, Surge protection
ELECTRICAL	
Power Supply	AC24V 50/60Hz
Power Consumption	55W
GENERAL	
Video Output	Female BNC and Twisted Pair UTP
Telemetry Protocols	Vista RS485 and Coax, Pelco P, D and Coaxitron, BBV coax and AD Manchester
Baud Rate	2400/4800/9600/19200bps
ID Range	1~254
Bubble	Clear, Smoked, Vandal resistant
Fan & Heater	Fan works continuously, Heater starts automatically
Dimensions	308×218mm (Height×Diameter)
Weight	6.3kg

ASSOCIATED PRODUCTS

0452100 VPP-WM	Wall Mount Bracket
0470440 VPP-TM	External Tower Mount
0457230 VDM-CMAg	Corner Mount Adapter
0452090 VPP-ESM	External Swing Arm Mount
0457240 VDM-EPMAg	External Pole 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 meter Pole for VDM-PA-PD
0276250 VDM-C	Coupler to connect 2 x VDM-2MP's

ACCESSORIES

0496080 VPSU243EXT	PSU WeatherProof: 230V AC: 24V AC. 72VA
Remote keyboard	VKDB3im, VKBD1 (PTZ telemetry only no DVR)



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

DS-18:1PDPRO-version 1