



FULLY FEATURED 700TVL (960H) DAY/NIGHT PTZ DOME

Small, discreet and vandal resistant, the VPL7-WP-SM fully-functional dome camera offers users all the features of a speed dome, such as continuous rotation, privacy zones, tours, 4 alarm inputs and is extremely cost-effective versus similar specification dome products.

The VPL7-WP-SM is a 700TVL true day/night dome camera that includes a 22:1 optical zoom and provides exceptional day/night operation, utilising a moving IR cut filter to allow the use of Infra Red (IR) lighting. A low-light sensitivity of 0.01Lux (monochrome), Wide Dynamic Range (WDR), plus 3DNR allows for use in varied lighting, ensuring that the maximum detail is delivered in a highly contrasting scene of view.

Simplifying and speeding-up the installation process, the VPL7-WP-SM features a sealed design with installation via quick fit mounting plate. Suitable for any application where a highly featured, fully-functional dome camera is required, the VPL7-WP-SM boasts 4 privacy zones and a total of 120 presets. These can be set-up on a preset-by-preset basis for motion detection, D/N operation, WDR, BLC, gain, brightness and all shutter modes, to ensure the best possible image and functionality can be achieved.

The VPL7-WP-SM has a wide choice of control options, featuring coax telemetry and auto sensing, multi protocol RS485. This ensures that the dome can be controlled from virtually all leading DVRs and matrices as well as reducing installation time. The coax control allows the upgrade of existing static cameras to the fully functional VPL7-WP-SM, without the need for extra cable requirements.

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



Key Features:

High resolution

700TVL (960H) colour & monochrome resolution provides exceptionally good image detail

Built-in alarms

4 alarm inputs on the prewired loom make installation very simple, so there is no need to open the dome to the elements and the user defined priority, provides advanced alarm handling

Low light sensitivity & true day/night operation

The low 0.01Lux (Colour) and true day/night operation with moving IR cut filter provides high quality colour images during the day and excellent monochrome images at night

Auto sensing multi-protocol RS485 & Coaxial FSK (UTC) telemetry

The auto sensing ability reduces installation time, whilst a wide choice of protocol options allows control from virtually all leading DVRs and matrices

120 Presets with individual function set up

120 preset positions, each with individual function settings covering WDR (Wide Dynamic Range), VMD (Video Motion Detection), BLC (Back Light Compensation), HLC (Peak White Inversion) and brightness control, ensure the best image can be achieved

Preset and Pattern tours

With 4 preset tours and 4 pattern tours providing up to 200secs of 'user defined positioning, allowing movement to cover more or less any application

Privacy zones

4 privacy zones allow the masking of sensitive areas, e.g. protection of pin entry in AT M and chip and pin devices

MODELS IN THIS RANGE

0474550 VPL7-WP-SM 700TVL 22:1 Day/Night Ceiling/soffit mount weatherproof vandal resistant fully functional dome camera

TECHNICAL SPECIFICATION

VPL7-WP-SM	
Resolution	700TVL
CCD	1/4" Sony Super HAD II CCD (960H)
Total Pixels	1028(H) x 596(V)
Effectiver Pixels	976(H) x 582(V)
Scanning System	2:1 Interlace
Scanning Frequency	PAL: 15.625KHz (H) x 50Hz (V)
Optical / Digital Zoom	22:1 / 16x
Focal length	f3.9mm - 85.8mm
Horizontal angle of view	3.9mm – 49.5°
	85.8mm – 2.4°
F-Stop	F1.6 – F3.7
Min Illumination	0.1Lux (Colour)
	0.01Lux (Monochrome)
	0.00001 Lux (Mono & DSS x512)
S/N Ratio	50db (AGC off)
Day/Night	Colour / B/W / AUTO
WDR	Off / On (Low / MidLow / Mid / MidHigh / High)
BLC	Off / BLC / HLC (PWI)
DSS (Sense-up)	Off / x2 / x4 / x8 / x16 / x32 / x64 / x128 / x256 / x 512
Motion Detection	On / Off (in Preset)
Gain (AGC)	Min / Low / Mid / High
DNR	2DNR: Off / 1-7 / 3DNR: Off / 1-7
Brightness	10 to 50
Tilt angle	0° - 180° (Digital Flip)
Image Flip	On / Off
Auto Calibration	0.1° - 6°
Panning angle	360° continuous rotation (with electronic limit stops)
Preset Speed	380° /sec.
PTZ Speeds	Slow (40° /sec), Normal (90° /sec), Turbo (380° /sec)
Alarms	4 input (NC/NO), 1 output (5VTTL)
Auto Scan	1 Auto Scan (Normal / Vector / Random)
Preset	120 presets with titles & individual camera AE setup
Pattern	4 patterns (recording up to 200 sec.)
Tour	4 tours (consist of 42 presets / functions)
Area Title	8 areas with title (upto 12 characters)
Privacy Zone	4 privacy zones
OSD Languages	EN / FR / DE / IT / ES / PL / PT
Telemetry Control	RS-485: Auto sensing / Vista-485 / Pelco P & D / Fastrax 2 & 2E Coaxial: Vista-FSK
Baud Rate	2400 / 4800 / 9600 / 19200
ID (Camera Address)	1 - 255
Video Connection	BNC
Video Output	1.0 Vp-p (75 ohm, composite)
Dimension (unit)	Ø154 x 140(H) / Bubble diameter Ø110 mm
Dimension (boxed)	225(H) x 220(W) x 220(D) mm
Weight (net)	1.5Kg
Weight (gross)	2.1Kg
Operating temperature	-10°C to 50°C (14°F to 122°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Operating humidity	0 to 90%RH (non-condensing)
IP Rating	IP66
Vandal Resistance	Built to IK10 (EN62262)
Colour	RAL7035
Power Source	12vDC (-10 to 15%) / 24vAC (±10%) for Dome
Power Consumption	12W

ASSOCIATED PRODUCTS

0363520 VPL-EWMB	External/internal wall mount bracket VPL7-WP-SM
0457230 VDM-ECMA	External/internal corner mount adaptor (for use with VPL-EWMB only)
0479030 VVRD-EWMB1	VVRD/VPL7 wall bracket (not compatible with VDM-ECMA)
0470440 VPP-TM	Swan neck/tower mount
0470450 VPL-TMA	Swan neck/tower mount adaptor VPL7-WP-SM/VVRD
0497090 VPL7-SM-FM	Flush/in-ceiling mount for VPL7-WP-SM
0497160 VPL7-SM-SPACER	Hard ceiling spacer
0363530 VPL-EPMB	External pendant mount bracket VPL7 & VVRD 22
0442910 VPL-EWMB-PSU	Integrated wall bracket/24vAC PSU for VPL7-WP-SM & VVRD
0098260 VPSU1000/12	1amp 12vDC power supply with 2.1mm jack plug
0496100 VPSU122EXT	2amp 12vDC IP66 power supply
0471510 VPSU1244	4x1amp output 12vDC IP66 power supply
0496080 VPSU243EXT	3amp 24V AC IP66 power supply
0472050 VPSU2488	4x1amp output 24V AC IP66 power supply



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