

# Retail applications monitors with 1080p H.265 camera

PVM10CAMS, PVM22CAMN & PVM32CAMN



Vista CCTV's range of PoE powered PVMs feature high luminance display screens of 10", 22" and 32" respectively. These provide wider viewing angles and clarity to assist the retailer and business owners in reducing shrinkage and protecting profits.

Simply select the relevant sized PVM for your application: The smaller PVM10CAMS is ideal for areas such as self-scan tills or front of house/reception desks, it can be utilised in portrait or landscape orientation. The larger PVM22CAMN and PVM32CAMN are best suited in their landscape only orientation for wider high value goods areas, aisles, store or business entrances & exits, transport hubs, hospitals, schools and other applications.

To protect personal information within the scene of view (e.g. chip & pin numbers) and provide peace of mind, there are 5 user-definable privacy zones that apply to both local display and recorded images.

The retailer's logo or static adverts can be displayed on-screen in an idle state. Then as a customer approaches, motion detection will switch the display to a live view of the camera and simultaneously display a variety of messages such as "Recording in progress", if required, and recording to microSD card. Additionally, if the camera is covered, an anti-mask function will sound an audible alarm via built-in speakers.

All share the same built-in 1080p, H.265, 3.6mm wide angle IP camera for high contrast scenes (e.g. store entrances) and DWDR provides a balanced exposure eliminating back-lighting issues.

A full complement of Vista VESA mount bracket accessories and options allows the PVMs to be easily mounted in portrait or landscape.

All can be powered via either an external DC PSU or PoE, allowing power and connection via a single Cat5e cable. They are ideal for use with Vista's VIP or Viper range of NVRs as well as multiple other manufacturers' recording platforms via ONVIF compliance.



## KEY FEATURES

### 1080p resolution

Highly detailed recorded images

### H.265 video format

Greatly reduces the bandwidth and storage requirements to compatible recording solutions

### Anti-mask alarm

Alerts staff if the device is being tampered with

### Micro SD card slot

Records motion detection to a micro SD card if required

### PoE powered

No need for additional mains spurs to be installed

### IR remote

Easy set up

### VESA mount

Multiple mounting options

### NDAA

Conforms to NDAA regulations



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\* To scan the QR code, make sure your phone/device has a suitable reader. Most modern Android and iOS smartphone cameras will automatically scan the code and provide the product's URL link, which will open from the device's web browser.



TECHNICAL SPECIFICATION

Model	PVM10CAMS	PVM22CAMN	PVM32CAMN
SCREEN			
Panel Type	10.1" LED	21.5" LED	31.5" LED
Resolution	1280 x 800		
Viewable Size (mm)	216.96 x 135.6mm	476.064 x 267.786mm	698.4 x 392.85mm
Pixel Pitch (mm)	0.1695(H) x 0.1695 (V)	0.248 (H) x 0.248 (V)	0.363 (H) x 0.363 (V)
Viewing Angle (H/V)	178°/178°		
Contrast Ratio	800:1	1000:1	1200:1
Luminance	300 cd/m2	250 cd/m2	100 cd/m2
Response Time	29mS	14mS	8mS
IMAGE			
Max Resolution	1080p / 30fps		
Sensor	1/2.8" SONY CMOS Sensor		
S/N Ration	≥50dB		
Lens	3.6mm fixed F2.6		
Min Illumination	Colour: 0.1 Lux @F2.6		
Noise reduction	3DNR		
Dynamic Range	DWDR		True WDR
White balance	Auto		
Image effect	Mirror, Flip, Exposure Time, Flick-less, WDR		
Shutter speed	Auto		
VIDEO			
Compression	H.265/H.264		
Bitrate	CBR, VBR		
Streaming	Dual Stream H.264 / H.265 1920x1080, 1280x720, 640x360		
SYSTEM			
Motion detection area	Up to 5 motion detection zones		
Privacy	5 Programmable zones		
Software reset	Restart, Reset, Factory Default		
Remote Upgrade	Web browsing (IE, Chrome, Safari, Firefox), Discovery Tool		
SD Card recording	Event recording / Continuous / Schedule		
EXTERNAL IN/OUT			
Ethernet	(10/100) RJ45		
Mic In	1 external - 2-pin phoenix terminal		
Alarm	1 input (NC / NO) 1 output 20VDC @ 150mA		
Edge Storage	MicroSDHC, MicroSDXC Up to 256GB		
IR remote	Access to monitor OSD and basic camera functionality		
Compatibility	ONVIF (Profile M, S, T)		
Audio	1W Speaker x2	3W Speaker x2	
ENVIRONMENTAL			
Operating temp	0°C to 40°C		
Storage temp	-20°C to 60°C		
Power source	12VDC or PoE (IEEE802.3af)		24VDC or PoE+ (IEEE802.3at)
Power consumption	12W (Max)	<25W (Max)	22W (Max)
Dimensions (WxHxD)	Net: 245 x 188 x 35mm Gross: 300 x 205 x 50mm	Net: 486 x 314 x 43 Gross: 600 x 460 x 200	Net: 765 x 515 x 59mm Gross: 920 x 670x 220mm
Weight	Net: 1.2Kg / 1.4Kg	Net: 4.5 Kg / 5.74 Kg	Net: 13.6Kg / 19.25kg
Mounting	VESA 75x75	VESA 100x100	VESA 100x100 and 200x100
Protective Glass	N/A	N/A	Tempered Glass
Colour	Black (front and casing)		
Certification	CE, RoHS		

CONTENTS LIST

- PVM Monitor
- IR Remote
- Torx Key and spare Security Screw
- 2.1mm 12VDC pig tail (PVM10CAMS only)
- Scan Me Label



MODELS IN THIS RANGE

**0934740 PVM10CAMS**  
10" monitor PoE motion active logo

**0950250 PVM22CAMN**  
22" PoE PVM Monitor NDAA

**0906230 PVM32CAMN**  
32" PoE PVM NDAA monitor

ASSOCIATED PRODUCTS

**0911910 LCD-IPMGA-b**  
TFT Pole girder adapter, black

**0911920 LCD-IPMCA-b**  
TFT pole ceiling adapter, black

**0092210 VCBDEL2M**  
VESA75/100 pan/tilt wall mount

**0898200 VCBDEL2MB**  
38mm 2m pole, black

RECOMMENDED FOR PVM10CAMS & PVM22CAMN

**0857990 VESAPMX**  
VESA75/100 pole clamp bracket for 30-55mm pole diameter

**0498620 VESAWM**  
VESA75/100 fixed wall mount

**0498630 VESAWMPT**  
VESA75/100 pan/tilt wall mount

**0498640 VESAWMPTE**  
VESA75/100 pan/tilt wall mount with 250mm arm

**0911930 VESAPA1-b**  
VESA75/100 TFT 38mm Pole adapter

RECOMMENDED FOR PVM32CAMN

**0483910 VESAPA32e**  
Large single TFT 38mm Pole Adapter

**0911930 VK2-PVMPA1-b**  
VESA200x100 TFT 38mm Pole Adapter Single

**0911940 VK2-PVMPA2-b**  
VESA200x100 TFT 38mm Pole Adapter Double

