

VK2-PVM18DEC

PoE POWERED VIDEO AND MEDIA DISPLAY MONITOR



To compliment Vista's extremely successful PoE Monitor range, we have introduced the VK2-PVM18DEC, this PoE powered monitor has an built in 4K resolution decoder. The decoder is capable of displaying up to 16 cameras on the screen at the same time. It has the added advantage of also being able to display video media files for advertising of information purposes.

The Advertising video can be loaded onto the Decoder via several methods, including USB, SD Card or via it's webpage over the network.

Using either motion detection or the Video Content Analytics of a Vista VK2 IP camera the Decoder can be programmed with several different options for switching between advertising media and a camera image. For example; an advertising video can be playing, if a customer approaches a merchandising display, then the Intrusion or Line Crossing analytics can be used to introduce a small cameo Picture in Picture image of the camera, so making the customer aware that they being monitored.

The Monitor can be used as a standalone display product, controlled via its own web page or mouse, or as part of a larger systems, being controlled via either: Vista's Viper Central video management software: or directly from the dashboard of the Vista Virtual Matrix, so allowing the addition of extra virtual monitor outputs.

VK2



ONVIF

KEY FEATURES

4K (8MP) Ultra high definition resolution

The Decoder can display up to four 4K IP cameras

PoE powered

The monitor can be powered and controlled over a single cat5e cable, making it very cost effective to install as it does not require mains fused spurs

Designed for 24/7 usage

The monitors used industrial panels and components to ensure they are suitable for 24/7 usage

Advertising Media display

As well as displaying cameras, video files can be uploaded to the monitor to be displayed in split screen segments

Multiple control options

The Decoder can be controlled via, its's own web page, Viper central Software or Vista's Virtual Matrix (to add additional monitor outputs)



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TECHNICAL SPECIFICATION

Model	VK2-PVM18DEC
SCREEN	
Screen size	18.5"
Panel Type	LCD with LED back light
Viewable size	409.8(H) x 230.4 (V)
Viewable angle	1700 / 1600
Contrast Ratio	1000:1
Brightness	250 cd/m2
Response time	5ms
Resolution	1366x768
Display colours	16.7M
DECODER	
Compression	H.264, H.265
Display options	Full screen, 4 way, 9 way or 16 way split.
Camera resolutions	4K (max 4 cameras), 1080P for 16 way split
Display Speed	125/150 fps(PAL/NTSC)
Media file display	AVI format (converted using supplied software)
NETWORK	
Ethernet	1 RJ45 10/100/1000 Base-T
Max. Network Throughput	600Mbps
Remote Monitoring	Viper Central viewing software or device web page
EXTERNAL IN/OUT	
USB	USB 3.0 x 1 / USB 2.0 x 1
SD CARD	Micro SD for Media file up load
PHYSICAL	
Operating Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	0°C ~ +40°C
Power Supply	PoE+ (IEEE 802.3AT) 12VDC, 2A
Power Consumption	Max. 25W
Dimension (WxHxD)	520x470x190mm (Including stand)
Casing material	Plastic
VESA mount	100 x 100
Net Weight	5.33Kg

MODELS IN THIS RANGE

0496570
VK2-PVM18DEC
 18.5" PoE Monitor with in-built Decoder

ASSOCIATED PRODUCTS

0499770
VK2-4KXDECODER
 Multi-channel decoder with advertising media player

0660870
VESAPM-38B
 Vesa pole mount clamp 38mm Black

0660880
VESAPM-50B
 Vesa pole mount clamp 50mm Black

0498620
VESAWM
 VESA75/100 fixed wall mount

0498630
VESAWMPT
 VESA75/100 pan/tilt wall mount

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

0251750
LCD-IPMCA
 Internal pendant mount ceiling adaptor

0249130
LCD-IPMGA
 Internal pendant mount girder adaptor

0092210
VCBDEL2M
 2m pole, chrome

0264980
VESAPA1
 VESA75/100 single monitor adaptor

OR
0264990
VESAPA2
 VESA75/100 dual monitor adaptor




No liability will be accepted by Vista for any errors or omissions in this information.
 Subject to change without notice.

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