

**DATASHEET** 

## 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.







### **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 if 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

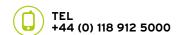
As well as displaying cameras, video files can be uploaded to the monitor to be displayed in split screen segments

## 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)







#### **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

#### VESAWMPTE

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

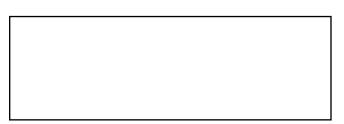
VESA75/100 single monitor adaptor

## 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.

VK2-PVM18DEC







