

# VISTA PVM20 AND PVM32 NETWORKED MONITORS



## PROMOTIONAL OR LIVE FOOTAGE ON DEMAND

This range of monitors have been developed specifically for the retail market for Point of Sale (PoS) applications. They allow promotional information to be run on a CCTV display as required or according to specific schedules and, because they are connected across a company's network, they can be programmed remotely via a laptop or PC.

These sleek, modern monitors are unique to the market as no other CCTV monitor has the ability to upload information to internal Hard Disk Drives (HDDs). This also gives the installer the added advantage of being able to configure them prior to installation.

A covert colour camera has been integrated into the design and can be switched to display the captured images on the monitor should it be required. Emergency information such as evacuation details can also be displayed.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



### Key Features:

#### Display in multiple formats

The user can upload their own video, still image or text files to be displayed on the monitor, as well as individual audio files

#### Run on demand or schedule

Files can be manually activated as and when required or programmed to run according to time schedules

#### Network connection

16 networked monitors can be configured from a remote PC with all video or text details uploaded and stored on each monitor's own HDD

#### Switch between advertising and live footage

Each monitor can display CCTV images and then automatically switch to promotional video/text on detection of motion, either as a full screen image, or as Picture in Picture (PIP)

#### Broadcast emergency details

The monitors can run files to request evacuation of the building in the event of an emergency

THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE

PVM20	20" COL LCD Network Monitor Metal Cased
PVM32	32" COL LCD Network Monitor Metal Cased

## ACCESSORIES

Manual, Remote Control, Client S/W, Adapter USB cable,  
Power Cord (VGA Cable & DVI Cable 32")

## TECHNICAL SPECIFICATION

### GENERAL

#### LCD

LCD Panel	20.1" or 32" TFT LCD Panel
Pixel Format	640(H) x 480(V), RGB 20" 1366(H) x 768(V), RGB 32"
Colour Depth	8 Bit / 16.7M Colours
Contrast Ratio	800:1, 20" 1200:1, 32"
Brightness	450 cd/m <sup>2</sup> 20" 500 cd/m <sup>2</sup> 32"
Viewing Angles	178 H / V
Light Source / Lifetime	CCFL / 50,000Hrs 16 CCFL / 50,000Hrs
Response Time	25ms (20") / 8ms (32")

#### VIDEO

##### COMPOSITE VIDEO

Video Mode	PAL / NTSC (Auto Selection)
Video Input Level	1.0Vp-p @ 75 ohm
Video Input	2 x External
Video Built-in	1 x internal camera
Video Output	1 x Internal / 2 x External
Connector	BNC Auto-terminating

##### S-VIDEO

Video Mode	PAL / NTSC (Auto Selection)
Video Input Level	0.7Vp-p (Luminance), 0.3Vp-p (Chrominance) @ 75ohm
Input Connector	4 Pin Mini-DIN x 1

##### COMPONENT 32" ONLY

Mode	1080i, 720p, 480p, 480i
Signal	YPbPr (SOY)
Level	1Vp-p(Y), 0.3Vp-p (Pb & Pr) @ 75ohm
Connector	3-terminal RCA x 1

##### PC (ANALOGUE) 32" ONLY

Mode	1366 x 768 @ 75Hz Max
Signal	Analogue RGB & H/V Sync.
Level	0.717Vp-p (RGB) & TTL (Sync)
Connector	15 Pin D-SUB
Plug & Play	DDC 2B

##### PC (DVI) 32" ONLY

Mode	1366 x 768 @ 75Hz Max
Connector	DVI-I
Plug & Play	DDC 2B

#### AUDIO

Level	Line Level
Input Connector	2 - Terminal RCA x 2
Output	Phone Jack x 1
Audio Amplifier	5 W x 2

HDD	40GB x 1
Ethernet	RJ45 x 1

USB	
USB 2.0 Host	x 1
USB 2.0 Device	x 1

#### PLAYBACK

Video Decoding	MPEG-1, MPEG-2 MP@HL MPEG-4.2 ASP@L5(720p),WMV9 JPEG
Audio Decoding	MPEG-1 Layers I, II & III, MPEG-4 Low Complexity AAC

#### CAMERA

Number of Cameras	x 1
CCD	1/3"
Resolution	480TVL
Sensitivity	1 Lux (F2.0, 50 IRE)
S/N Ratio	50dB
Lens Type	Direct Drive
Lens focal length	4 - 9mm (F2.0 - 2.8)
Electronic Shutter	1/50 - 1/100,000 / 1/60 - 1/100,000
White Balance	AWB

#### PHYSICAL

Power Requirement	12V DC 6.2A (20") AC 100 Ø 240V (50/60Hz) (32")
Power Consumption	75 Watts 20" 200 Watts 32"
Light Sensor (Power Save Mode)	Yes
Text Overlay	Yes
Dimensions: 20"	472.4(W) x 101.31 (D) x 459.4 (H) mm (Net) 640W x 190(D) x 540 (H) mm (Gross)
32"	796.5(W) x 108.25 (D) x 592 (H) mm (Net) 915W x 270(D) x 715(H) mm (Gross)
Weight	10.5Kg (20") / 22.5Kg (32")
Shipping Weight	14.5Kg (20") / 28Kg (32")
Material	Aluminium
Colour	Silver

#### ENVIRONMENTAL

Operating Temperature	5°C + 40°C
Storage Temperature	0°C + 50°C



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

DS-PoSMonitors-version 1

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