

Advanced Technology Video, Inc.



PVMPro Series Network Public View Monitor with WDR Camera

- 540 TVL WDR Color Camera with 2.8-11mm Vari-Focal, Auto Iris Lens
- Text Generation (scrolling banner) and Audio / Video Commercial Advertising
- Client Software for Multiple PVM Programming
- Network Wide Emergency Message Broadcast (EMB)
- Program by Monitor, Advertising, or Time
- File (Images, Audio, Video Advertising, Text messages) Transfer Using:
 - IP Addressable Network (LAN)
 - 2 USB Ports
- Ultra-Bright TFT-LCD with Excellent Color Reproduction
- Built-In Motion Detection
- Built-In Light Sensor for Sleep Mode Operation
- Multiple Viewing Formats with scalable PIP, PBP Display
- On-Screen Menu
- Front Facing Speakers with Built-In 5W Stereo Audio Amplifiers
- External Stereo Audio Inputs
- Stereo Audio Output (line level – 1/4" Jack)
- 12VDC Output for External Camera
- Video Output Connectors (3) (2) looping Video Input & (1) Internal-Camera Output
- Long-Life Backlight
- Rugged Metal Case
- Includes IR Remote Control
- Time / Sync Capability to Client Computer

NM32IWA-WDR / NM20IA-WDR SPECIFICATIONS

MODELS

NM32IWA-WDR	32" PVM Pro Series Network LCD Public View Monitor with WDR camera
NM20IA-WDR	20.1" PVM Pro Series Network LCD Public View Monitor with WDR camera

LCD

Pixel Format	1366 x 768 x RGB
Brightness (Typical)	450 cd/m2
Contrast Ratio (Typical)	4000 : 1
Viewing Angle H/V	178 / 178
Color Depth	8bit / 16.7M Colors
Light Source / Lifetime	4-U Type CCFLs / 50,000 Hrs
Response Time	8 ms

NM32IWA-WDR

NM20IA-WDR

Pixel Format	1600 x 1200 x RGB
Brightness (Typical)	300 cd/m2
Contrast Ratio (Typical)	800 : 1
Viewing Angle H/V	178 / 178
Color Depth	8bit / 16.7M Colors
Light Source / Lifetime	2 CCFLs / 45,000 Hrs
Response Time	8 ms

VIDEO

Composite

System Level	NTSC / PAL
Connector	1.0Vp-p @ 75 ohm
Output	Internal Camera x 1 or 2
	External Camera x 1 or 2
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Output	Internal Camera x 1 or 2
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	External Camera x 1 or 2

S-Video

Connector	BNC
System Level	NTSC / PAL
Connector	1Vp-p (L), 0.3 (C) Vp-p @ 75ohm

Connector	BNC
System Level	NTSC / PAL
Connector	1Vp-p (L), 0.3 (C) Vp-p @ 75ohm

Component

Mode	4pin Mini-DIN X 1
Signal Level	1080i, 720p, 480p, 480i
Connector	YPbPr (SOY)

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Signal Level	1080i, 720p, 480p, 480i
Connector	YPbPr (SOY)

PC (Analog)

Connector	1Vp-p (y), 0.3Vp-p (Pb & Pr) @ 75ohm
Mode	3-terminal RCA x 1
Signal Level	1366 x 768 @ 75Hz Max
Connector	Analog RGB & H/V Sync

Connector	1Vp-p (y), 0.3Vp-p (Pb & Pr) @ 75ohm
Mode	3-terminal RCA x 1
Signal Level	1366 x 768 @ 75Hz Max
Connector	Analog RGB & H/V Sync

PC (DVI)

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

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

Audio

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

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Input	2-Terminal RCA x 1
Output	Phone Jack x 1
Amplifier	5W x 2

Storage

Peripheral Interface

Ethernet	RJ45 x 1
USB 2.0 Host	x 1
USB 2.0 Device	x 1
Video Decoding	MPEG-1, MPEG-2 MP@HL

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USB 2.0 Host	x 1
USB 2.0 Device	x 1
Video Decoding	MPEG-1, MPEG-2 MP@HL

Playback

Audio Decoding	MPEG-4.2, ASP@L5 (720p), WMV9
	JPEG
	MPEG-1 Layers I, II and III

Audio Decoding	MPEG-4.2, ASP@L5 (720p), WMV9
	JPEG
	MPEG-1 Layers I, II and III

Camera (Internal)

No. of Camera	MPEG-4 Low Complexity AAC
Resolution	1-WDR
Sensitivity	1/3"
S/N Ratio	540 TVL
Auto Iris	0.004 Lux (F2.0, 50IRE)
AWB	50dB
Electronic Shutter	Yes
VF Lens	Yes

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Auto Iris	0.004 Lux (F2.0, 50IRE)
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Electronic Shutter	Yes
VF Lens	Yes

GENERAL

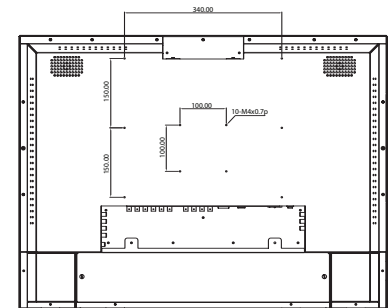
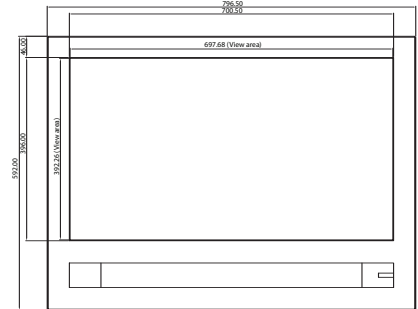
Light Sensor (Power save mode)	Yes
Power Requirement	AC 100 ~ 230v (50/60 Hz)
Power Consumption	200 Watts
Operating Temperature	10°F ~ 122°F (-5°C ~ 40°C)
Storage Temperature	-20°F ~ 140°F (0° ~ 50°C)
Dimensions (WxHxD)	31.3" x 23.3" x 4.25"
	(796.9mm x 593.7mm x 107.9mm)
Weight	(796.9mm x 593.7mm x 107.9mm)
	49.6lbs (22.5 kg)

Light Sensor (Power save mode)	Yes
Power Requirement	12VDC/6.2A
Power Consumption	75 Watts
Operating Temperature	10°F ~ 122°F (-5°C ~ 40°C)
Storage Temperature	-20°F ~ 140°F (0° ~ 50°C)
Dimensions (WxHxD)	18.5" x 18.0" x 3.98"
	(472.4mm x 459.4mm x 101.3mm)
Weight	23.2 lbs (10.5 kg)

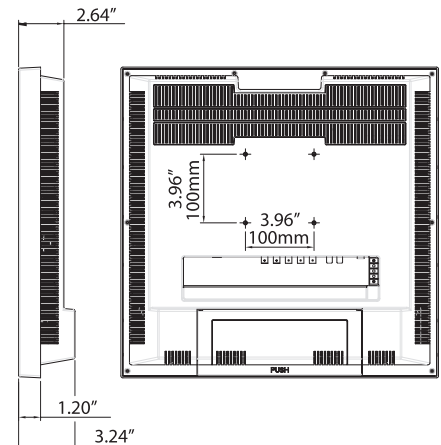
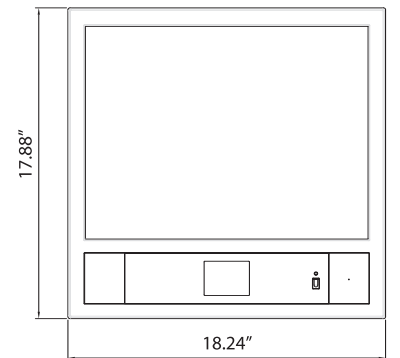
Specifications subject to change without notice.

DIMENSIONAL DRAWINGS

NM32IWA-WDR



NM20IA-WDR



Advanced Technology Video, Inc.
850 Freeport Pkwy, Ste. 100, Coppell, TX 75019
Toll Free 888/288-7644 Main 972/459-8645 Fax 972/459-8661
www.atvideo.com

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