

Public View Monitors

Professional Series

22" W, 27" W and 32" W displays

Features That Make a Difference:

- High quality with leading technology
- LED backlighting with low power consumption
- Supports up to 1920 x 1080 (FHD) resolution
- Attractive slim chassis design for retail spaces or other public viewing applications
- Built-in camera with motion sensing technology
- Camera varifocal lens for easy field of view adjustments
- Camera motion triggered actions include:
 - Activate physical alarm output
 - Present message ("Recording" or "Welcome") with flashing or static text
 - Turn on flashing LED to draw attention to monitor
- Auto-shift option to prevent pixel burn-in
- Built-in stereo audio speakers
- HDMI, DVI and VGA inputs for digital signage applications
- 1x CVBS looping, 1x CVBS internal camera output and 1x S-Video input
- Support for DC24V input voltage
- DC12V output jack available for supplying power to external camera
- Monitors include remote control and 24V DC power adapter



ADLCD22PPS0B/W¹
ADLCD22PPXS0B/W²



ADLCD27PPS0B/W¹
ADLCD27PPXS0B/W²



ADLCD32PPS0B/W¹
ADLCD32PPXS0B/W²

American Dynamics 22", 27" and 32" Professional Series Public View Monitors (PVM), with integrated color camera, offer an attractive ultra slim chassis design well suited for retail spaces or other public viewing applications. These PVMs are available in both black and white chassis color options to best match retail interiors. Without being obtrusive, the integrated camera points in the direction of oncoming store traffic monitoring every move support of retail loss prevention efforts.

These full HD 1080p monitors provide sharp images using either an integrated PIXIM Seawolf WDR or Sony 1.3 megapixel

camera. These cameras include a vari-focal lens to help display the best field of view. The PIXIM Seawolf WDR camera uses a pixel-based imager that adjusts for lighting conditions by pixel. This ensures the best image under difficult lighting conditions such as installation in brightly lit entrances. The Sony 1.3 megapixel camera provides higher resolution of video images (1.3 megapixels) than any analog CCTV providing rich detail of oncoming traffic.

In addition, the monitors use edge-lit LED backlighting for added power savings and substantial cost benefits.

Specifications

General

Panel Size (diagonal) 21.5", 27" and 32" diagonal
 Backlight Type LED, edge-lit
 Native Aspect Ratio 16:9
 Native Resolution 1920 x 1080
 Brightness 22" 250 cd/m2, 27" 300 cd/m2, 32" 350 cd/m2
 Contrast Ratio 22" 1000:1, 27" 3000:1, 32" 3000:1
 Viewing Angle (H/V) 22" 170/160, 27" 178/178, 32" 178/178
 Response Time 22" 5ms, 27" 8ms, 32" 6.5ms
 OSD Language English (US), French (Fr), German, Spanish (Int),
 Italian, Portuguese (Brazilian), Chinese (Si), Dutch

Inputs/Outputs

Composite Video Input 1 BNC input
 Composite Video Output 1 BNC passive loop-thru output
 Camera Video Output 1 BNC output (internal camera)
 S-Video Input 1 (Y/C) input
 VGA Input 1 15 pin D-Sub
 Plug & Play Monitor DDC compatible (DDC 2B)
 DVI-D Input 1
 HDMI Input 1
 Alarm Input 1 TTL input (NO or NC)
 Audio Input Stereo audio input 3.5mm
 Audio Output Stereo audio output 3.5mm
 Speaker Output 3W x2 embedded

Cameras

Image Sensor 1/3" PIXIM Seawolf
 1/3" Sony 1.3 megapixel CMOS
 Video Standard NTSC/PAL (using single sensor)
 TVL PIXIM: 690 HTVL
 Effective Pixels (H/V) PIXIM (758 x 540); Sony (1329 x 1049)
 Scanning System PIXIM: 2:1 Interlace; Sony: Progressive scan
 S/N Ratio More than 50dB
 Sync System Internal/line lock
 Minimum Illumination PIXIM: 0.1 lux (f/1.2, 50 IRE, 30 fps, CMY)
 Sony: 0.5 lux
 Shutter Speed PIXIM: up to 1/30.72 sec
 Sony: flickerless/auto/manual (1/30 ~ 1/12,000)
 Lens PIXIM: Vari-focal Auto Iris (2.8-10mm/F1.2)
 Sony: Vari-focal DC-Iris (3.0-10mm/F1.3)

Video Output 1.0 Vp-p composite, 75ohm

Video

Video Format NTSC/PAL auto detect
 Scanning Frequency NTSC: 15750Hz ± 500Hz/60 Hz
 PAL: 15625Hz ± 500Hz/50 Hz
 TVL 650

Electrical

Power Consumption 22" < 35W, 27" < 50W, 32" < 55W
 Power Input DC 24V/2.7A
 Power Output for Camera 12V 0.4A
 Stand-by < 2W
 Off Mode < 1W

Environment

Operating Temperature 32°F to 104°F (0°C to 40°C)
 Operating Humidity 10% to 85% (non-condensing)
 Storage Temperature -4°F to 140°F (-20°C to 60°C)
 Storage Humidity 10% to 95% (non-condensing)

Mechanical

Cabinet Metal
 Color Black/White
 VESA™ 200 x 100 mm; 100 x 100 mm
 Dimension (H x W x D)
 Body 21.5" 358 x 512 x 80 mm (14.09 x 20.16 x 3.15 in)
 27" 433 x 648 x 80 mm (17.05 x 25.51 x 3.15 in)
 32" 505 x 742 x 97 mm (19.88 x 29.21 x 3.82 in)
 Shipping Box 21.5" 502 x 563 x 197 mm (19.76 x 22.17 x 7.76 in)
 27" 554 x 710 x 505 mm (21.81 x 27.95 x 8.07 in)
 32" 657 x 887 x 223 mm (25.87 x 34.92 x 8.78 in)

Weight

Monitor Only (Net) 21.5" 6.50 kg (14.33 lb), 27" 9.00 kg (19.84 lb),
 32" 14.00 kg (30.86 lb)
 Shipping 21.5" 8.50 kg (18.74 lb), 27" 11.00 kg (24.25 lb),
 32" 17.50 kg (38.58 lb)

Regulatory

UL/cUL, FCC, RoHS, WEEE, Energy Star, CE

Accessories (included)

CD (User Guide, Quick Start Guide), DC power adapter, power cords, remote control

Ordering Information

Model Numbers	Description
Monitors	
ADLCD22PPS0B/W	22" W PVM LCD 1920 x 1080 FHD LED, camera (VF2.8-10mm, 1/3" PIXIM), IR RC, black/white
ADLCD22PPXS0B/W	22" W PVM LCD 1920 x 1080 FHD LED, 1.3MP camera (VF3.0-10mm, 1/3" Sony), IR RC, black/white
ADLCD27PPS0B/W	27" W PVM LCD 1920 x 1080 FHD LED, camera (VF2.8-10mm, 1/3" PIXIM), IR RC, black/white
ADLCD27PPXS0B/W	27" W PVM LCD 1920 x 1080 FHD LED, 1.3MP camera (VF3.0-10mm, 1/3" Sony), IR RC, black/white
ADLCD32PPS0B/W	32" W PVM LCD 1920 x 1080 FHD LED, camera (VF2.8-10mm, 1/3" PIXIM), IR RC, black/white
ADLCD32PPXS0B/W	32" W PVM LCD 1920 x 1080 FHD LED, 1.3MP camera (VF3.0-10mm, 1/3" Sony), IR RC, black/white
Optional Accessories	
ADWA1TR75100B (supports ADCLCD22PPxxxx only)	Articulating wall mount for displays up to 24", black
ADWA2TR75100B (supports ADCLCD22PPxxxx only)	Articulating wall mount for displays up to 24", black
ADWF2642B (supports ADCLCD26PPxxxx, ADCLCD32PPxxxx)	Flat wall mount for 32 - 42" displays, black
ADWT2642B (supports ADCLCD26PPxxxx, ADCLCD32PPxxxx)	Tilting wall mount for 32 - 42" displays, black
ADCT75100B	Ceiling mount for 15 - 24" displays, black
ADCT75100W	Ceiling mount for 15 - 24" displays, white

Related Products



ADTVR
Series



HDVR



Illustra
Cameras



VideoEdge

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