

# Public View Monitors

## Professional Series

### 8" and 10.1" W Displays

#### Features That Make a Difference:

- High quality and cost-effective
- LED backlighting for easy viewing
- Low power consumption for cost savings
- Attractive chassis design for retail spaces or other public viewing applications
- Built-in WDR camera with motion sensing
- Built-in media player for displaying advertising or corporate message
- Built-in DVR for recording video from built-in camera
- Switch between camera video and display advertisement on motion activity
- User definable text warning message
- Auto-shift option to prevent pixel burn-in
- Flashing LED option draws attention to monitor
- Built-in stereo audio speakers
- VGA input
- 1x CVBS looping and 1x CVBS internal camera output
- Support for DC12V or DC24V input voltage
- Monitors come complete with 16 GB SD memory card for media player, 16 GB micro-SD memory card for recording, remote control and 12VDC power adapter



**ADLCD08PS2B/W**



**ADLCD10WPS2B/W**

American Dynamics 8" and 10.1" W Performance Series Public View Monitors (PVM), with power saving LED backlighting, include an integrated camera, SD media player and MicroSD recorder. Monitors offer an attractive, ultra slim chassis design ideally suited for retail store interiors or other public view applications. These PVMs deliver exceptionally sharp, crisp pictures and feature user-friendly, on-screen display menus for adjusting monitor display parameters to your specific preference.

These PVMs contain a built-in color camera, with Pixim Seawolf WDR image sensor, that points in the direction of oncoming store traffic. The monitors are small enough

to be placed in aisles that contain high theft items deterring criminal activity. In addition, you can use these monitors as digital signage for displaying in-store promotions at a variety of locations such as the store entrance and end displays. Continuously display live camera view or advertising media while simultaneously recording surveillance video at the monitor. As an option, switch the display to camera or media advertisement for a user defined dwell time on motion triggered activity.

Long-life, solid state LED backlights help maintain consistent brightness levels and consume less power than traditional LCD monitors with CCFL backlighting.

## Specifications

### Panel

Panel Size . . . . . 8" and 10.1" diagonal  
 Backlight Type . . . . . LED, edge-lit  
 Native Aspect Ratio . . . . . 8" 4:3, 10" 16:10  
 Native Resolution . . . . . 8" 800 x 600, 10.1" 1024 x 600  
 Brightness . . . . . 8" 250 cd/m<sup>2</sup>, 10.1" 275 cd/m<sup>2</sup>  
 Contrast Ratio . . . . . 500:1  
 Viewing Angle (H/V) . . . . . 8" 140/130, 10.1" 130/100  
 Response Time . . . . . 8" 25ms, 10.1" 16ms  
 OSD Language . . . . . English (US), French (Fr), German, Spanish (Int),  
 Italian, Portuguese (Brazilian), Chinese (Si), Dutch

### Inputs/Outputs

VGA Input . . . . . 1 VGA (15pins D-Sub)  
 CVBS Input . . . . . BNC input with loop through output x1  
 Camera Output . . . . . BNC x 1  
 Audio Input . . . . . Stereo RCA x 2 (L/R)  
 Video System . . . . . NTSC/PAL

### Power

Power Consumption . . . . . < 10W  
 Power Input . . . . . DC 12V or DC 24V

### Camera

Video System . . . . . NTSC/PAL (user selectable)  
 Image Device . . . . . 1/3" PIXIM Seawolf sensor  
 Image Size . . . . . Diagonal 6mm (type 1/3")  
 Effective Pixel (H x V) . . . . . Total 768 x 548; Active 758 x 540  
 Sync System . . . . . Internal  
 Horizontal Resolution . . . . . 690 TVL  
 S/N Ratio . . . . . Dynamic range: typical 102db; max 120db  
 Min. Luminance . . . . . 0.1 lux/ F1.2  
 Control . . . . . OSD  
 White Balance . . . . . ATW/AWB  
 BNC Video Output . . . . . CVBS 1.0Vp-p/75 ohm  
 Input Voltage . . . . . 12V DC  
 Focal Length . . . . . 3.6mm lens  
 3D Noise Reduction (DNR) . Yes  
 Motion Detection (4 Areas) . Yes  
 Mirror . . . . . Horizontal/vertical/both/off

### Environment

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

### Mechanical

Cabinet . . . . . Metal  
 Color . . . . . Black/white chassis  
 VESA™ . . . . . 75 x 75 mm  
 Dimensions (H x W x D)  
 Monitor Only . . . . . 8" 148 x 236 x 40 mm (5.83 x 9.29 x 1.58 in)  
 10.1" 161 x 289 x 37.4 mm (6.34 x 11.4 x 1.5 in)

### Weight (Monitor Only)

Net . . . . . 8" 1.25 kg (2.76 lb); 10.1" 1.5 kg (3.31 lb)  
 Shipping . . . . . 8" 2.0 kg (4.41 lb); 10.1" 2.4 kg (5.29 lb)

### Multi-Media Player

Video Decoding . . . . . MPEG1/2/4, Dvix3.11/4.x/5.x, M-JPEG  
 Video Format Support . . . . . AVI, ASF, MP4, 3GP, DAT, VOB, MPG  
 Audio Decoding . . . . . MP3, WMA, G.726, AAC, ADPCM, AMR, BBE  
 Picture Decoding . . . . . JPEG, TIFF, BMP  
 Memory Card . . . . . 16GB SD card (included)

### Digital Video Recorder (DVR)

Compression . . . . . JPEG and H4L  
 Video Resolution . . . . . NTSC: 720 x 480; PAL: 720 x 576  
 Recording Mode . . . . . Continuous/motion/alarm  
 Recording Frame Rate . . . . . 30fps NTSC (25fps PAL), record rate user  
 selectable  
 Recording Quality . . . . . 4 level adjustable  
 Playback Mode . . . . . By time/event  
 Playback Speed Mode . . . . . Fast forward, backward: x2, x4, x8  
 Memory Card . . . . . 16GB MircoSD card (included)

### Regulatory

UL, FCC, CE, RoHS, WEEE

### Accessories (included)

CD (User Guide, Quick Start Guide), universal 12V DC power adapter, AC power  
 cords, DC power plug to screw terminal block adapter, remote control (includes  
 2x AAA batteries), 16GB SD card (for media player), 16GB MicroSD card (for  
 recorder)

## Ordering Information

Model Numbers	Description
<b>Monitors</b>	
ADLCD08PS2B/W	8" PVM LCD 800 x 600 LED, camera (F3.6mm, 1/3" PIXIM), MMP & DVR, 2x 16GB SD, IR RC, black/white
ADLCD10WPS2B/W	10.1" PVM LCD 1024 x 600 LED, camera (F3.6mm, 1/3" PIXIM), MMP & DVR, 2x 16GB SD, IR RC, black/white
<b>Optional Accessories</b>	
ADWTR75100B	Tilt/rotate wall mount for displays up to 24", black
ADWA1TR75100B	Articulating wall mount for displays up to 24", black
ADWA2TR75100B	Articulating wall mount (dual) for displays up to 24", black
ADCT75100B	Ceiling mount for 15 - 24" displays, black
ADCT75100W	Ceiling mount for 15 - 24" displays, white
ADRK920B	Universal rack mount for 9 - 20" displays

## Related Products



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Series



HDVR



Illustra  
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VideoEdge

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