

# Large Panel Multiple Input Monitors

## Professional Series

### 42" W and 55" W Displays

#### Features That Make a Difference:

- High quality with leading technology
- LED backlighting
- HDMI, DVI and VGA input for DVRs, NVRs or PC applications
- 2x CVBS looping and 1x S-Video input looping
- Supports up to 1920 x 1080 (FHD) resolution
- Low power consumption
- Slim design LCD
- 3D de-interlace and 3D comb filter
- Auto scale digital and analog video inputs
- PiP (Picture in Picture)
- Auto power recovery from outages
- Auto-shift option to prevent pixel burn-in
- Built-in stereo audio speakers



**ADLCD42MPB**

American Dynamics 42" W and 55" W Large Panel Multiple Input Monitors Professional Series produce sharp, true color images even at wide viewing angles. These monitors are an excellent choice as part of your video solutions needs. Each monitor features user friendly, on-screen menus and front panel controls for adjusting monitor display parameters to your specific preference.

These monitors are high quality with the latest features and technology such as LED backlighting, enhanced power savings, and latest de-interlace technology and comb filters. The Professional Series supports full HD digital as well as sharp analog composite video input signals.



**ADLCD55MPB**

These attractive LED edge-lit monitors, with slim metal chassis design, include a desktop stand and feature VESA™ standard mounting patterns. Supported mounting patterns include 200 x 200 mm and 400 x 200 mm for the 42" display and 600 x 400 mm for the 55" display.

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

## Specifications

### General

Panel size (diagonal) . . . . . 42" and 55"  
 Backlight type . . . . . LED, edge-lit  
 Native aspect ratio . . . . . 16:9  
 Native resolution . . . . . 1920 x 1080  
 Brightness . . . . . 42" 350cd/m<sup>2</sup>, 55" 450cd/m<sup>2</sup>  
 Contrast ratio . . . . . 42" 3000:1, 55" 4000:1  
 Viewing angle H/V . . . . . 178 / 178  
 Response time . . . . . 6.5ms  
 OSD language . . . . . English (US), French (Fr), German, Spanish (Int),  
 Italian, Portuguese (Brazilian), Chinese (Si), Dutch

### Inputs/Outputs

Composite video input  
 (CVBS) . . . . . 2 BNC inputs  
 Composite video output  
 (CVBS) . . . . . 2 BNC passive loop-through outputs  
 Camera audio input . . . . . 2 sets RCA (R/L)  
 S-Video input . . . . . 1 (Y/C) input  
 S-Video output . . . . . 1 (Y/C) output  
 VGA input . . . . . 1 VGA (15pin D-Sub)  
 Plug & Play monitor . . . . . DDC compatible (DDC 2B)  
 DVI-D input . . . . . 1 DVI-D Input  
 HDMI input . . . . . 1 HDMI  
 Audio input . . . . . Stereo audio input 3.5mm  
 Speaker output . . . . . 5W x2 embedded

### Video

Video format . . . . . NTSC/PAL auto detect  
 Scanning frequency . . . . . NTSC: 15750Hz ± 500Hz /60Hz  
 PAL: 15625Hz ± 500Hz /50Hz  
 TVL . . . . . 650TVL

### Electrical

Power consumption . . . . . 42" < 90W, 55" < 160W  
 Power input . . . . . 42" 24V DC/5A, 55" 24V DC/7.5A  
 Power output for camera . . . 12V DC/0.4A  
 Stand-by . . . . . < 2W  
 Off mode . . . . . < 1W

### Environment

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

### Mechanical

Cabinet . . . . . Metal  
 Color . . . . . Black  
 Desktop stand . . . . . Yes  
 VESA™ . . . . . 42" 400 x 200 mm; 200 x 200 mm  
 55" 600 x 400 mm

### Dimension (H x W x D)

Monitor only . . . . . 42" 645 x 977 x 270 mm (25.39 x 38.46 x 10.63 in)  
 55" 790 x 1254 x 270 mm (31.10 x 49.37 x 10.63 in)  
 Shipping box . . . . . 42" 765 x 1095 x 343 mm (30.12 x 43.11 x 13.50 in)  
 55" 901 x 1376 x 375 mm (35.47 x 54.17 x 14.76 in)

### Weight

Monitor only (net) . . . . . 42" 21.90 kg (48.28 lb), 55" 33.00 kg (72.75 lb)  
 Including stand (gross) . . . 42" 27.50 kg (60.63 lb), 55" 38.00 kg (83.78 lb)  
 Shipping . . . . . 42" 33.30 kg (73.41 lb), 55" 43.00 kg (94.80 lb)

### Regulatory

UL/cUL, FCC, RoHS, WEEE, ENERGY STAR, CE

### Accessories (included)

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

## Ordering Information

Model Numbers	Description
<b>Monitors</b>	
ADLCD42MPB	42" W LCD 1920 x 1080 FHD LED, HDMI, DVI, VGA, Y/C, 2-BNC IN 2/Loop, audio, 3D CF & DI, IR remote control
ADLCD55MPB	55" W LCD 1920 x 1080 FHD LED, HDMI, DVI, VGA, Y/C, 2-BNC IN 2/Loop, audio, 3D CF & DI, IR remote control
<b>Optional Accessories</b>	
ADWF2642B (supports ADLCD42MPB only)	Flat wall mount for 32 - 42" displays, black
ADWT2642B (supports ADLCD42MPB only)	Tilting wall mount for 32 - 42" displays, black
ADWF4255B	Flat wall mount for 42 - 55" displays, black
ADWT4255B	Tilting wall mount for 42 - 55" displays, black
ADCTR3255B	Ceiling mount for 32 - 55" displays, black
ADCTR3255W	Ceiling mount for 32 - 55" displays, white

## Related Products



ADTVR  
Series



HDVR



Intellex



VideoEdge



victor

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