

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/m², 55" 450cd/m²
 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
Monitors	
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
Optional Accessories	
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



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