LCD, PVM, Plasma & CRT Monitors

Retailers everywhere are adopting American Dynamics LCD monitors. Our sleek new PVMs blend in beautifully where visual appeal matters most: on the sales floor. But even more impressive are the results they produce. Install them and watch as employee fraud and error drop dramatically — the kind of losses that are impossible to detect without this technology.

We provide a comprehensive range of monitors — everything from a 9" black & white CRT that can be dual-mounted in your standard EIA 19" rack to a high definition, widescreen 50" plasma monitor. Our screen resolution and crystal clear imaging make surveillance easier to perform and more accurate. Whether you require single or multiple inputs, a shallow profile or heavy duty metal cabinet, American Dynamics can deliver the right monitor for the job. Every monitor we offer complies with universal mounting standards so you can install our products wherever you need them.

LCD:

Minimize your spatial requirements and get brighter, better pictures with our flat panel LCD Monitors. At less than 2" thick, these monitors are so light you can hang them on a wall. Featuring easy to use on-screen menus, the LCD monitors automatically configure and calibrate screen resolution and can be manually adjusted as well. Available with black or white cases, they come in a variety of sizes and include rack-mount, wall-mount and desktop models.

Public View Monitors (PVM):

Some of our monitors are designed for public view applications and feature tempered, shatter-resistant glass screens, an integrated camera module, and remote controls that make it convenient to adjust the settings from a distance. Certain models also include a 12 volt power outlet that lets customers plug in a second camera without adding extra cabling. Choose from a variety of CRT, LCD and plasma monitors.

Plasma:

In the world of monitors, bigger is sometimes better. Our plasma monitors rank among the biggest screens you can get in the CCTV industry. High resolutions with 700-800 TV lines and an 800:1 contrast ratio render video in brilliant color that enables you to see detail with the greatest precision possible. Less than 4" deep, these monitors include a base as well as optional wall mounts.

CRT:

We offer a comprehensive line of CRT monitors: color, black & white, high and standard resolution, with whatever number of inputs you need. New flat screen models help eliminate curvature or distortion in the image. View the entire picture, including peripheral detail that normally gets blocked out, with an underscan/overscan feature. Hear as well as see what's going on with looping audio connectors.

Monitors

CHOOSE A MONITOR THAT IS RIGHT FOR YOU

MONITOR COMPARISON CHART

Monitor Type	Screen Size	Resolution	Input	Format	Mount Options	Model
LCD Monitors Color	15"	1024 x 768	VGA, Composite	NTSC/PAL	Desktop, Wall or Rack	ADMNM1LCD**15**
	17"	1280 x 1024	VGA, Composite	NTSC/PAL	Desktop, Wall or Rack	ADMNM1LCD**17**
	15"	1024 x 768	VGA	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**15**
	17"	1280 x 1024	VGA	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**17**
	19"	1280 x 1024	VGA & DVI	NTSC/PAL	Desktop, Wall or Pendant	ADCMLCD**19**
	17"	1280 x 1024	VGA, Composite	NTSC/PAL/SECAM	Desktop, Wall or Rack	ADMNM**17**LCD
	19"	1280 x 1024	VGA, Composite	NTSC/PAL/SECAM	Desktop, Wall or Rack	ADMNM**19**LCD
	20"	1600 x 1200	VGA, Composite & DVI	NTSC/PAL	Desktop or Wall	ADDELL**20**07
	24"	1920 x 1200	VGA, Composite	NTSC/PAL	Desktop or Wall	ADDELL**24**07
Public View Monitors Color	20"	800 x 600	VGA, Composite	NTSC/PAL	Desktop or Wall Desktop or Wall Rack	ADMNLCD20 ADMNLCD20**W** ADMNLCD20**RK**
	20"	800 x 600	VGA, Composite	NTSC/PAL	Desktop, Wall or Pendant	ADMCA1LCD**20B** ADMCA1LCD**20W**
	26"	1280 x 768	VGA, Composite	NTSC/PAL	Wall or Pendant	ADLCD26**BX** ADLCD26**WX**
Plasma Monitors Color	42"	800 x 600	VGA, Composite, DVI, Component & SVHS	NTSC/PAL	Desktop, Wall or Pole	ADMNPLASMA**42**
	50"	1366 x 768	VGA, Composite, DVI, Component & SVHS	NTSC/PAL	Desktop, Wall or Pole	ADMNPLASMA**50**
B & W CRT Monitors	9"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**10A**
	12"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**12A**
	17"	800 TVL	Composite	EIA/CCIR	Desktop or Rack	AD9**17A**
Color CRT Monitors	9"	280 TVL	Composite	NTSC/PAL	Desktop or Rack	AD9**50B**
	17"	450 TVL	Composite	NTSC/PAL	Desktop, Rack or Ceiling	AD95**17B**
	15"	400 TVL	Composite	NTSC/PAL	Desktop, Rack or Ceiling	ADM**CRT15**
	21"	520 TVL	Composite	NTSC/PAL	Desktop, Wall or Ceiling	HS-CM**21**7
	17"	1024 x 768	SVGA	N/A	Desktop	ADMCRT**17**

Check www.americandynamics.net for new additions to our monitor line.

AD AMERICAN DYNAMICS™

15" & 17" LCD Color (Multi-Mode Inputs) & Rack Mount Kit:

ADMNM1LCD**15**   ADMNM1LCD**17**

ADMNLCD**RKMNT**

Monitors:

- NTSC/PAL auto detect

- VGA (D-sub) and looping S-VHS (Y/C) BNC (composite video) connectors

- RCA-connector looping audio

- Supports up to 1280 × 1024 resolution (ADMNM1LCD17) and 1024 × 768 resolution (ADMNM1LCD15)

- Auto brightness

- Contrast ratio up to 400:1

- Internal speakers and detachable base stand included

- Low power consumption (45 watts)

- 100/240 VAC 60/50 Hz universal power supply

- 15'' and 17'' dimensions (without base): 330.2 × 400.5 × 63.5 mm (13 × 15.75 × 2.5 in) Weight: 4.3 kg (9.5 lbs)

- 15'' and 17'' dimensions (with base): 400.5 × 400.5 × 184.1 mm (15.75 × 15.75 × 7.25 in) Weight: 5 kg (11 lbs)

Rack Mount Kit

- Rack mount for the ADMNM1LCD15 and ADMNM1LCD17

- Allows tilting of monitor

- Black metal construction

*ADMNLCD**RKMNT** (with mounted ADMNM1LCD17)*

ADMNM1LCD**15**

ADMNM1LCD**17**

ADMNLCD**RKMNT**

15", 17" & 19" LCD Color (Analog VGA [D-SUB] Input):

ADCMLCD**19**

ADCMLCD**15**   ADCMLCD**17**

- VGA (D-sub) connector

- Detachable desk base stand included

- 15'' version supports up to 1024 × 768 (XGA) resolution

- 17'' and 19'' versions supports up to 1280 × 1024 (SXGA) resolution

- Contrast ratio 400:1 (ADCMLCD15) and 500:1 (ADCMLCD17 & ADCMLCD19)

- Brightness 250cd/m2 on the 15'' & 19'' versions and 300cd/m2 on the 17'' version

- Response time of 4/12 ms (ADCMLCD15) and 8 ms (ADCMLCD17 & ADCMLCD19)

- Low power consumption

- 100/240 VAC 60/50 Hz universal power supply

- ADCMLCD15 dimensions: 360 × 150 × 350 mm (14.17 × 5.90 × 13.78 in) Weight: 5.0 kg (11.02 lbs)

- ADCMLCD17 dimensions: 393 × 150 × 390 mm (15.47 × 5.90 × 15.35 in) Weight: 7.0 kg (15.43 lbs)

- ADCMLCD19 dimensions: 430 × 150 × 420 mm (16.92 × 5.90 × 16.53 in) Weight: 8.0 kg (17.63 lbs)

ADCMLCD**15**

ADCMLCD**17**

ADCMLCD**19**

LCD Monitors

17" & 19" LCD Color:

ADMNM**17**LCD   ADMNM**19**LCD

- Supports up to 1280 × 1024 resolution
- Outstanding color and clarity
- Contrast ratio up to 500:1
- Brightness 450cd/m2 on the 17" version and 400cd/m2 on the 19" version
- Response time 8 ms
- Auto termination on looping video
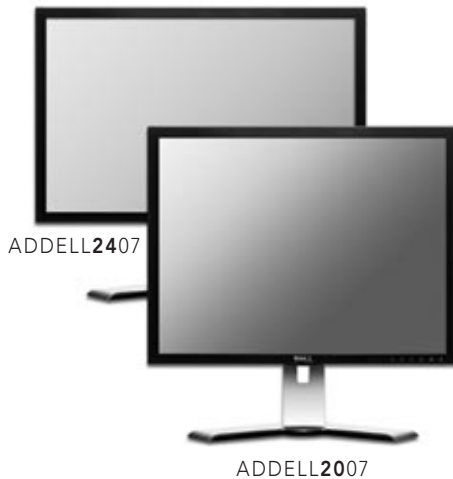- NTSC/PAL auto detect

- Composite video

ADMNM**17**LCD

ADMNM**19**LCD

ADMNM**RKT17** *(Rack mount)*

ADMNM**RKT19** *(Rack mount)*

20" & 24" LCD Color:

ADDELL**24**07

ADDELL**20**07

- Supports up to 1600 × 1200 resolution (ADDELL2007) and 1920 × 1200 resolution (ADDELL2407)
- Brightness 300cd/m2 on the 20" version and 450cd/m2 on the 24" version
- High contrast ratio 800:1 (ADDELL2007) and 1000:1 (ADDELL2407)
- Digital video interface (DVI) connector helps to ensure high quality image (no jitter) and superb color uniformity
- Fast LCD response time of 16 ms (ADDELL2007) and 6 ms (ADDELL2407)
- S-Video and composite connector
- 4 USB 2.0 high speed ports
- Allows swivel and tilting of monitor
- VESA compliant

- ADDELL2007 dimensions: 547.6 × 445.3 × 193.5 mm (21.6 × 17.5 × 7.6 in) Weight: 6.9 kg (15.2 lbs)
- ADDELL2407 dimensions: 584.7 × 559.7 × 195.0 mm (23 × 22 × 7.7 in) Weight: 8.3 kg (18..3 lbs)

ADDELL**20**07

ADDELL**24**07

Ranking among the highest priorities for national security today, airports depend more than ever on American Dynamics monitors to maintain continual surveillance.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AMERICAN DYNAMICS

47
48

20" PVM Color (SVGA with Multi-Mode Inputs):

ADMNLCD20RK

ADMNLCD20W

ADMCAMODULE

Monitors:

- 20" LCD monitor with multiple inputs (composite video, Y/C and VGA [D-sub] connectors)

- High brightness (500 cd/m2) and high contrast (480:1)

- Wide viewing angle of 160°, vertical and horizontal

- Latching power supply automatically restores power after interruption or remote switching

- Easy on-screen display (OSD) menu and user interface

- Control button lock-out using the OSD to minimize tampering in public view applications

- Remote control for all models adds flexibility for public view applications

- 800 × 600 resolution

- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications

- Desk or wall mount model includes an anti-scratch, anti-reflective shield, which is ideal for public areas

- Both models include North American and European power cords

- Selectable color temperature for 6500/9300° K

- Multiple looping inputs including: 2 BNC, 1 Y/C (SVHS), 2 RCA audio

- ADMNLCD20 & ADMNLCD20W dimensions: 401 × 463 × 102 mm (15.8 × 18.2 × 4 in) Weight: 6.8 kg (15 lbs)

- ADMNLCD20RK dimensions: 420 × 483 × 102 mm (16.5 × 19 × 4 in) Weight: 7.3 kg (16 lbs)

Camera:

- Adjustable zoom setting

- Adjustable motion sensitivity and camera switching dwell time

- 480 lines, 1/4-inch CCD

- Auto iris

- 3.5 to 8 mm vari-focal

- S/N>48db minimum illumination .3 lux

- Camera module for the ADMNLCD20 and ADMNLCD20W

- Available in black or white

ADMNLCD20W
(with attached ADMCAMODULE)

ADMNLCD20

ADMNLCD20**W**

ADMNLCD20**RK**

Accessories

ADMCAMODULE

ADMCAMODULE**B**

ADMLCD20**CARD** *(Memory card reader)*

Retailers around the world rely on American Dynamics monitors to give security personnel a clear window to strategic vantage points within shopping malls, providing an invaluable tool for observing crowds and spotting potentially threatening incidents.

PVM Monitors & Mounts

20" PVM Color with Integrated Auto Iris Camera (Multi-Mode Inputs):

- 20" LCD monitor with multiple inputs (composite video, Y/C and VGA [D-sub] connectors)
- High brightness (500 cd/m2) and high contrast (480:1)
- Wide viewing angle of 160°, vertical and horizontal
- Fast LCD response time of 16 ms
- Latching power supply automatically restores power after interruption or remote switching
- Easy OSD menu user interface
- Control button lock-out using the OSD, to minimize tampering in public view applications

- Multiple looping inputs including: 2 BNC, 1 Y/C (SVHS), 2 RCA audio
- 800 × 600 resolution
- Includes North American and European power cords
- Selectable color temperature for 6500/9300°K
- Remote control for all models adds flexibility for public view applications
- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications

ADMCA1LCD**20B**

ADMCA1LCD**20W**

26" PVM Color:

- Multiple inputs (composite video, Y/C and VGA [D-sub] connectors)
- High brightness (500 cd/m2) and high contrast (500:1)
- Wide viewing angle of 85°, vertical and horizontal
- Fast LCD response time of 12 ms
- Available camera and 7-1 media card reader accessory modules
- Compatible with VGA (640 × 480), SVGA (800 × 600), XGA (1024 × 768), WXGA (1280 × 768) resolution
- Built-in quality 3D de-interlace for video signal

- Supports VESA 100 mm × 100 mm mounting standard
- Remote control for all models adds flexibility for public view applications
- 12 volt regulated power output jack allows a standard 12 volt camera to be attached for public view applications
- Dimensions: 43.12 × 645.2 × 94.2 × mm (1.69 × 25.40 × 3.70 in)
- Weight: 12.5 kg (27.55 lb)

ADLCD26**BX**

ADLCD26**WX**

32" & 37" PVM color monitors coming soon. Check www.americandynamics.net for availability.

LCD & PVM Mounts:

Dual LCD monitor mount, pendant, black, with lanyard . . . . ADDUALLCD**PL**

Dual LCD monitor mount, pendant, white, with lanyard . . . . ADDUALLCD**PWL**

LCD & PVM mount, VESA compliant, pendant mount, black, with lanyard . . . . ADMMTLCD**PL**

LCD & PVM mount, VESA compliant, pendant mount, white, with lanyard . . . . ADMMTLCD**PWL**

LCD & PVM mount, VESA compliant, wall mount, with lanyard . . . . ADMMTLCD**WL**

LCD & PVM mount, VESA compliant, wall mount, articulating arm, with lanyard, black . . . . ADMNMTLCD**WAL**

LCD & PVM mount, VESA compliant, wall mount, black, with lanyard RHSP730**PL**

LCD & PVM mount, VESA compliant, wall mount, silver, with lanyard RHSP730**PL-S**

PVM mount, suspended ceiling mount RHM**427SU**

PVM mount, structural ceiling mount RHM**427ST**

PVM wall mount RHM**427WL**

AMERICAN DYNAMICS™

Plasma Monitors & Mounts

42" & 50" Color Plasma Monitors:

- Brilliant color with high resolution (HD and ED) allows multiple cameras with large images to be displayed simultaneously

- High contrast ratio (800:1) and bright screens (300 cd/m minimum)

- Picture in picture (PIP) adds viewing flexibility

- Digital video interface (DVI) inputs render ultra-sharp images from Intellex or other advanced DVRs

- Adjustable image shift controls eliminate screen burn-in

- Wide-screen (16:9) format, switchable to 4:3 format

- Auto image scaling and wide viewing angles (over 160°)

- Shallow profile (less than 4") with base included and optional wall mounts

- 42" : 800 × 600 resolution
  50" : 1366 × 768 resolution

- Analog PC input (D-Sub 15 pin) or digital PC (DVI) input

- S-Video and RCA composite video inputs

- Remote control included

- Internal speakers with amplified outputs for optional external speakers

- On-screen display in 9 languages

- Optional wall mounts with flush mount

- Optional TV tuner

- ADMNPLASMA**42** dimensions:
  640 × 1033 × 82 mm (25.1 × 40.6 × 3.2 in)
  Weight: 37.8 kg (83 lbs)

- ADMNPLASMA**50** dimensions:
  843 × 1282 × 99 mm (33.2 × 50.5 × 3.9 in)
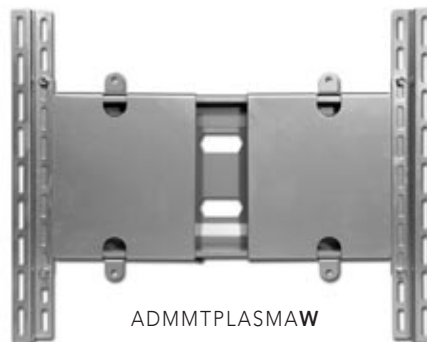 Weight: 52.3 kg (115 lbs)

ADMNPLASMA**42**

ADMNPLASMA**50**

Plasma Mounts:

- Unpainted, all steel construction

- All of our plasma monitors attach to either of these mounts

ADMMTPLASMA**P**

ADMMTPLASMA**W**

ADMMTPLASMA**W**

ADMMTPLASMA**P**

CRT Monitors & Mounts

9", 12" & 17" Black & White Monitor (High Resolution):

- 800+ TVL
- Video loop-through
- 2 looping BNC connectors
- EIA/CCIR selectable
- Auto termination
- Convenient front panel controls
- Heavy duty metal cabinet and universal latching power supply
- Dual rack mountable (9″ only)
- AD9**10A** dimensions:
  234 x 220 x 248 mm (9.21 x 8.60 x 9.76 in)
  Weight: 4.3 kg (9.46 lbs)

- AD9**12A** dimensions:
  305 x 302 x 287 mm (10.7 x 10.6 x 10.05 in)
  Weight: 7.3 kg (16.1 lbs)
- AD9**17A** dimensions:
  385 x 415 x 390 mm (15.2 x 16.34 x 15.35 in)
  Weight: 14 kg (30.9 lbs)

> AD9**10A**
>
> AD9**12A**
>
> AD9**17A**
>
> AD9**10ARK** *(Rack mount)*
>
> AD9**17ARK** *(Rack mount)*

9″ & 17″ Color Monitor (High Resolution):

- 280+ TVL (AD950B); 750 TVL Y/C, 450 TVL composite (AD9517B)
- Comb filter for enhanced picture quality
- NTSC/PAL auto detect
- Universal power supply
- Two looping audio and video input pairs (AD950B); (2 composite, 1 Y/C) for AD9517B
- Auto termination
- Convenient front panel controls
- AD950B dimensions:
  220 x 222 x 305 mm
  (8.66 x 8.74 x 12 in)
  Weight: 6.8 kg (14.99 lbs)

- AD9517B dimensions:
  334 x 395 x 418.1 mm
  (13.15 x 15.55 x 16.46 in)
  Weight: 19.6 kg (43.21 lbs)

> AD9**50B**
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> ADMM**9CR** *(Rack mount)*
>
> AD95**17B**
>
> AD95**17RK** *(Rack mount)*
>
> RHM4**17WL** *(Wall mount)*
>
> RH**213E3** *(3 ft. Monitor extension)*
>
> RH**EXT4** *(4 ft. Ceiling extension)*
>
> RH**EXT2** *(2 ft. Ceiling extension)*

15" Color Monitor (Standard Resolution):

- 280 TVL (10")
- Two looping audio and video input pairs
- NTSC/PAL auto detect
- Auto termination
- Convenient front panel controls
- Universal power supply
- Perfect for use with color quads and multiplexers
- Heavy duty metal cabinet
- Dimensions: 342 x 365 x 391 mm (13.45 x 14.4 15.4 in)
- Weight: 15 kg (33 lbs)

> ADM**CRT15**
>
> AD9**14RK** *(Rack mount)*
>
> RHM4**17WL** *(Wall mount)*
>
> RHM3**14ST** *(Structural ceiling mount)*
>
> RHM3**14SU** *(Suspended ceiling mount)*
>
> RHW3**14** *(Wall mount)*
>
> RH**213E3** *(3 ft. Monitor extension)*
>
> RH**EXT4** *(4 ft. Ceiling extension)*
>
> RH**EXT2** *(2 ft. Ceiling extension)*

AMERICAN DYNAMICS™

CRT Monitors & Mounts

21" Color Monitor (Standard Resolution):

- 520+ TVL
- Two looping audio and video input pairs (A/B)
- NTSC/PAL auto detect
- Perfect for use with color quads and multiplexers
- Convenient front panel controls
- Heavy duty metal cabinet
- Universal power supply

- Dimensions: 453 x 490 x 501 mm (17.8 x 19.3 x 19.7 in)
- Weight: 25.5 kg (56 lbs)

HS-CM**21**7

RHM3**21WL** *(Wall mount)*

RHM3**21ST** *(Structural ceiling mount)*

RHM3**21SU** *(Suspended ceiling mount)*

17" Color SVGA Monitors:

- Multi-sync and full scan capability
- Auto-sizing for preset modes
- Compatible with both established and new 85 Hz VESA display standards
- Perfect for use with Intellex
- Dimensions: 400 x 404 x 416 mm (15.75 x 15.91 x 16.38 in)
- Weight: 15.6 kg (34.4 lbs)

ADMCRT**17**

Monitor Mount Accessory:

(Photo not available)

- Chrome trim ring for ceiling mounts

RPACC640

Bank managers and security staff see video at its best with American Dynamics' high definition surveillance monitors. That makes everyone a whole lot safer.