Professional Color LCD Monitors

Product Summary

The LCD Monitor series are thin film transfer (TFT) monitors designed for limited space applications where they can function as a CCTV and PC monitor, or be used as a public-view-monitor (PVM).

Composite and S-VHS Video inputs provide direct connection with all professional video systems. The VGA interface may be used with Digital Video Recorders or with a PC. A variety of PC input resolutions are supported. The video input can be switched using the front menu button and selecting the appropriate input channel. Each model features 2-channel audio and built-in stereo speakers.

The LCDs are available in 15", 17", and 19" models with black aluminum housings. The monitor may be wall mounted using the keyholes slots on the back panel and with the recessed connector area, may be installed flat against a wall. An option desk stand is available with 75mm VESA standard mounting holes, or the monitor may be mounted using the optional 75mm VESA standard wall and ceiling mounts.

LCD Mounts

The **A-CSx775E** series **ceiling** mounts (available in both white and black colors) feature an extended pole design permitting fixed installation lengths of 26.4", 31.5" or 36.6". The interior pole may also be used as a fixed 19.7" length or may be replaced with a purchased 1,1/4" NPT pole and using a standard 1,1/2" to 1,1/4" NPT reducer, be configured for custom installation lengths. The adjustable swivel head permits 180° pan and +/- 15° tilt adjustments and is capable of supporting loads up to 20 lbs (9.0kg). The included pipe features a cable-feed-through access to conceal wiring. The mount conforms to VESA 75mm and 100mm standards.

The A-CSx775E mount must NOT be used for wall mount applications.

The **A-CS777** is a **wall**-mount with 3-axis of rotation (+/-180° in both X and Y and 270° in the Z direction) permitting various LCD view angles and is capable of supporting loads up to 24 lbs (11kg). The mount conforms to VESA 75mm and 100mm standards. The design permits easy installation using a detachable wall bracket and supplied VESA mount screws.

The **MS1X** is a **desk stand mount** available in a black color to match the monitor and is shipped with a 75mm VESA mounting plate. The desk stand allows easy viewing angle adjustment of the monitor.

Features

- Professional Metal 15", 17", and 19" LCD, PC/CCTV Monitors.
- Compact Flat panel design and mounting options along with wide viewing angles are ideal for space limiting applications.
- More than 500 lines of resolution.
- Switchable BNC / PC / S-VHS Video Modes.
- PC Compatible Inputs ranging from VGA to SXGA using Standard VGA Cable (15" and 17" only).
- High Brightness and Contrast Ratio reduces brightness degradation eliminating normal CRT flicker reducing eyestrain while improving picture clarity.
- Long-life Backlight consumes less power than CRT monitors.
- Built in stereo speakers.
- 12V dc power adapter included.
- Desk, ceiling and wall mount options

Ordering Guide

SCN#	Item
M150C	15" Metal LCD Monitor
M170C	17" Metal LCD Monitor
M190C	19" Metal LCD Monitor
A-CSW775E	Mount, LCD, ceiling, adjustable, white
A-CSB775E	Mount, LCD, ceiling, adjustable, black
A-CS777	Mount, LCD, wall, 3-axis swivel head
MS1X	Mount, LCD, desk stand, black

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Models

M150C	15″ high resolution Color LCD flat panel
M170C	17″ high resolution Color LCD flat panel
M190C	19″ high resolution Color LCD flat panel

Electrical

	M150C	M170C	M190C
LCD Panel	15.0 inches TFT LCD Panel	17.0 inches TFT LCD Panel	19.0 inches TFT LCD Panel
Active Display Area (Diagonal)	15.0 inches	17.0 inches	19.0 inches
Pixel Format	1024 (H) x 768 (V), RGB vertical stripe	1280 (H) x 1024 (V), RGB vertical stripe	1280 (H) x 1024 (V), RGB vertical stripe
Pixel Pitch	0.297mm x 0.297mm	0.264mm x 0.264mm	0.294mm x 0.294mm
Color Depths	8 Bit / 16M Colors	8 Bit / 16.2M Colors	8 Bit / 16.7M Colors
Contrast Ratio	400 : 1 (Typical)	350 : 1 (Typical)	500 : 1 (Typical)
Brightness	250 cd/m2 (Typical)	250 cd/m2 (Typical)	250 cd/m2 (Typical)
Viewing Angles (L/R/U/D)	65/65/45/60 (Typical)	75/75/65/60 (Typical)	85/85/85/85 (Typical)
Light Source / Lifetime	2CCFL / 40,000Hrs (Minimum)	4CCFL / 40,000Hrs (Minimum)	4CCFL / 40,000Hrs (Minimum)
Response Time	25ms	25ms	25ms

Video

Video Mode	NTSC/PAL (Auto selection)
Scanning Method	Digital progressive scan (Still/Progressive Mode)
Video Input Signals	
Composite	1.0Vp-p, 75-ohms
S-Video	Luminance: 1.0Vp-p, 75-ohms Chrominance: 0.3Vp-p, 75-ohms
Video Input Connector	
Composite	BNC x 2
S-Video	4 Pin Mini-Din x 2
Termination	75-ohm, Auto termination
Audio Input Connector	RCA x 2 (Stereo)
Audio Output	0.5W x 2
Resolution	More than 500 Lines

PC

	M150C	M170C	M190C
Input Signal	Analog RGB (0.714Vp-p, 75), H & V Sync (TTL)		
Input Connector	15 pin D-sub		
Input Resolution	VGA: 640 x 480 / 60 ~ 75Hz SVGA: 800 x 600 / 56 ~ 75Hz XGA: 1024 x 768 / 60 ~ 75Hz	VGA: 640 x 480 / 60 ~ 75Hz SVGA: 800 x 600 / 56 ~ 75Hz XGA: 1024 x 768 / 60 ~ 75Hz SXGA: 1280 x 1024 / 60Hz	VGA: 640 x 480 / 60 ~ 75Hz SVGA: 800 x 600 / 56 ~ 75Hz XGA: 1024 x 768 / 60 ~ 75Hz SXGA: 1280 x 1024 / 60Hz

General

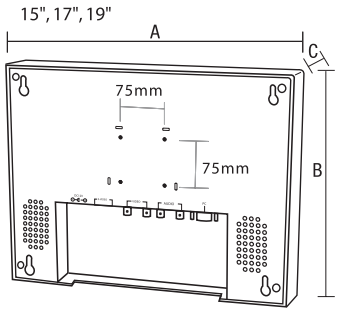
	M150C	M170C	M190C
User Controls	Bright, Contrast, Tint, Color, Sharpness, etc.		
OSD Language	English / French / German / Italian / Spanish / Polish		
Power Requirement	12VDC, 2.5A	12VDC, 3.8A	12VDC, 3.7A
Power Consumption	34 Watts (Maximum) / 2 Watts (Power Saving)	51 Watts (Maximum) / 2 Watts (Power Saving)	45 Watts (Maximum) / 2 Watts (Power Saving)
DC Power Connector	Barrel, 5.5 / 2.1 mm (+ Center)		
AC Power Connector	IEC-320 Male, 100 – 240VAC		
Dimensions (W H D)	13.75″ x 11.25″ x 1.7″ (349.2mm x 285.7mm x 43mm)	15.7″ x 13.2″ x 1.95″ (398mm x 334mm x 49.5mm)	16.5″ x 14.25″ x 2.13″ (419mm x 362mm x 54mm)
Weight	5.9lbs (2.7kg)	8.8lbs. (4kg)	11.24lbs. (5.1kg)
Operating Temperature	0° ~ +40°C (32° - 104°F)		
Storage Temperature	0° ~ +50°C (32° - 122°F)		
Case Color	Black		
Case Material	Aluminum		
Accessories	AC Adaptor, VGA cable, Power Cord, Manual, Driver Diskette		

Optional Accessories

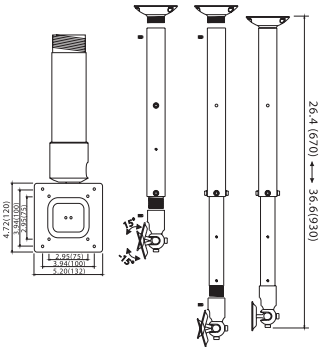
A-CS777	Mount, LCD, wall, 75/100mm VESA, 2-knuckle
A-CSW775E	Mount, LCD, ceiling, 75/100mm VESA, extended pole 26″ to 36″, white
A-CSB775E	Mount. LCD, ceiling, 75/100mm VESA, extended pole 26″ to 36″, black
MS1X	Mount, LCD, desk, 75mm VESA, black

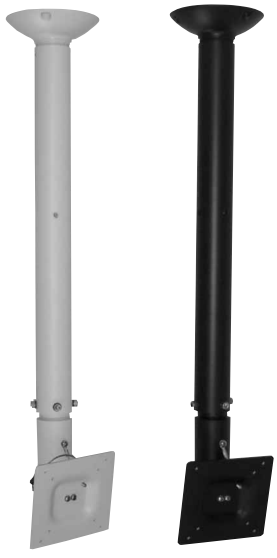
Specifications are subject to change without notice.

CONFIGURATIONS



	A	B	C
M150C	13.75″	11.25″	1.70″
M170C	15.70″	13.20″	1.95″
M190C	16.5″	14.25″	2.13″





A-CSW775E A-CSB775E

A-CS777

MS1X

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