# Professional Color LCD Monitors



## Features

- Professional 17″ and 19″ LCD monitors with narrow bezel design

- Video (BNC & Y/C) with looping outputs and PC input for flexible system integration

- High Brightness and High Contrast ratio

- Long life Backlight

- Exceptionally fast response time

- Excellent visibility with wide viewing angles

- Super slim/thin and lightweight

- On screen menus

- 5 language selections including English, French and Spanish

- Full set of video controls

- 100mm pitch VESA wall mount compatible

- Desktop stand included

## Product Summary

The LCD P monitor series are narrow bezel monitors designed for limited space applications where they can function as CCTV and PC monitors. The narrow bezel design and removable desk stand make the monitors perfect for use as a public-view-monitor (PVM).

The 1280x1024 VGA interface (cable included) is the recommended interface to use with Digital Video Recorders or with a PC for high quality video reproduction.  Composite and S-VHS Video inputs provide direct connection with all professional video systems.  The video input can be switched using the front menu button and selecting the appropriate input channel.

The LCDs are available in 17″, and 19″ models with a slim bezel and lightweight plastic housing.  An integrated desk stand is included, or the monitor may be mounted using the optional 100mm VESA standard wall and ceiling mounts.

The monitor offers a clean aesthetic appearance and offers excellent visibility with wide viewing angles.

## 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 180º pan and +/- 15º 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 100mm standard.

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

The A-CSx780 series ceiling mount (available in both white and black colors) feature a standard 75mm and 100mm VESA plate, swivel head design and 1-1/4″ NPT female thread pipe adaptor. These mounts are intended to be used with existing or new down pipe for custom length pipe installations.

The A-CS777 is a wall-mount with 3-axis of rotation (+/-180º in both X and Y and 270º 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.

## Ordering Guide

| SCN# | Item |
| --- | --- |
| M170CP | 17″ LCD Monitor, 1280x1024, composite, VGA, narrow bezel |
| M190CP | 19″ LCD Monitor, 1280x1024, composite, VGA, narrow bezel |

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**Dimensional Drawings**

## Specifications

### Model
M170CP          17″ LCD panel
M190CP          19″ LCD panel

| Electrical | M170C | M190C |
|---|---|---|
| LCD Panel | 17.0 inches TFT LCD Panel | 19.0 inches TFT LCD Panel |
| Active Display Area | 17.0 inches | 19.0 inches |
| Viewing Area | 377.9mm x 270.3mm | 376.3mm x 301.0 mm |
| Pixel Format | 1280 (H) x 1024 (V) | 1280 (H) x 1024 (V) |
| Filter Type | RGB vertical stripe | RGB vertical stripe |
| Pixel Pitch | 0.264mm x 0.264mm | 0.294mm x 0.294mm |
| Color Depths | 8 Bit / 16.7M Colors | 8 Bit / 16.7M Colors |
| Contrast Ratio | 1000: 1 (Typical) | 1000 : 1 (Typical) |
| Brightness | 300 cd/m2 (Typical) | 300 cd/m2 (Typical) |
| Viewing Angles (L/R/U/D) | 80°/ 80°/80°/ 80°/  (Typical) | 80°/ 80°/80°/ 80°/  (Typical) |
| Light Source / Lifetime | 4CCFL / 50,000Hrs (Minimum) | 4CCFL / 40,000Hrs (Minimum) |
| Response Time | 5ms | 5ms |

### Video
Video Mode          NTSC/PAL (Auto selection)
Video Input Signals
    Composite        1.0Vp-p, 75-Q
    S-Video          Luminance: 1.0Vp-p, 75Q
                     Chrominance: 0.3Vp-p, 75Q
Video Input Connector
    Composite        BNC x 2
    S-Video          4 Pin Mini-Din x 2
Resolution          More than 500 Lines

PC
Input Signal        Analog RGB (0.714Vp-p, 75Q), 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
                    SXGA: 1280 x 1024 / 60Hz

### General
User Controls       Bright, Contrast, Tint, Color, Sharpness
OSD Language        English / French / German / Italian / Spanish
DC Power Connector                  12VDC, 2.0A                12VDC, 2.5A
Dimensions (W x H x D)              382.5 x 332 x 56.7mm       420 x 359.5 x 56.7mm
                                    15.05″ x 13.07″ x 2.2″     16.53″ x 14.15″ x 2.2″
Weight                             5.20Kg (11.44 lbs)          5.5Kg (12.21lbs)
Operating Temperature  0° ~ +40°C (32° - 104°F)
Case Material       Plastic
Accessories         AC Adaptor, VGA cable, Power Cord, Manual
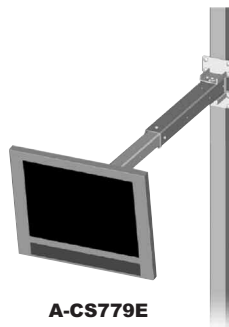Mount               100mm x100mm VESA

### 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″adjustable, white
A-CSB775E       Mount, LCD, ceiling, 75/100mm VESA, extended pole 26″ to 36″adjustable, black
A-CSW780        Mount, LCD, ceiling, white, 1-1/4″ NPT
A-CSB780        Mount, LCD, ceiling, black, 1-1/4″ NPT
A-CS779E        Mount, LCD, 2.5″ channel, adjustable

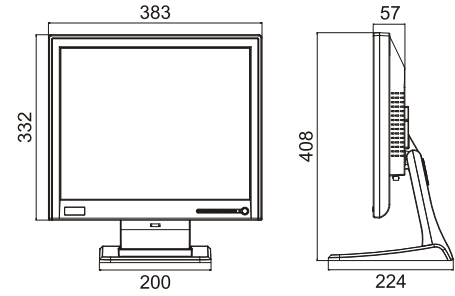Specifications are subject to change without notice.
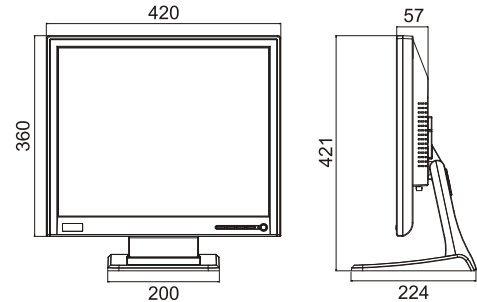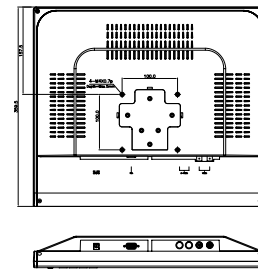
**M170CP**

**M190CP**

**Rear Dimensional**

**M170CP & M190CP**

**A-CSW775E    A-CSB775E**

**A-CSW780    A-CSB780**

**A-CS777**

**A-CS779E**

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