

## Public View 20.1" LCD Monitor with Integrated Color HR or WDR Camera



### Features

- Compact attractive look for high visibility retail applications with no visible controls
- Front facing stereo speakers with two 5.0W amplifiers
- Easy setup and installation
- Built-in 480 TVL high resolution color or WDR camera with 2.8 -11mm VF AI lens concealed in front bezel
- 24VAC Low-voltage operation (power supply not included)
- Wireless remote control (included)
- Concealed camera with easy access cover
- Internal camera loop-out connector
- External camera input, looping output
- Built-in 12VDC output power for external camera
- Lightweight ABS housing
- High Brightness and Contrast TFT-LCD Color Monitor
- White case color

### Ordering Guide

SCN#	Item
M201LC	20.1" LCD PVM with integrated 480 TVL, 2.8 – 11mm color camera, white ABS case, 24VAC
M201LC-WDR	20.1" LCD PVM with integrated 480 TVL, 2.8 – 11mm WDR camera, white ABS case, 24VAC
PS-244A	Power Supply, 24VAC, 4A, UL

### Product Summary

The M201LC PVM series monitor are high brightness and contrast TFT LCD monitors with a built-in high-resolution or WDR color CCD camera with integrated 2.8 – 11mm auto iris vari-focal lens.

The wide dynamic range (WDR) camera provides increased visibility when sources of high illumination are located directly behind a scene of lower illumination, such as a retail front entrance.

The monitors feature TRUE 24VAC Low-Voltage operation, requiring 3.0 amps of current, (power supply not included). The recommended power supply for powering a single M201LC or M201LC-WDR monitor is the PS-244A and for two monitors the Altronix LCDAPS.

The monitors offer a clean aesthetic ABS bezel design with no visible operator controls. Monitor programming is accomplished using the supplied IR Remote Control. The monitors provide simple operation with the single internal camera or external video source. Programming features are limited to basic LCD picture controls (brightness, contrast etc).

One video output is provided for loop through video output for the internal camera and one for the external video source.

The monitors contain two powerful 5.0W audio amplifiers and front mounted speakers for stereo sound reproduction. Audio is supplied to the monitor by two line-level audio inputs.

The monitors feature a 100mm VESA mount connection point for use with various LCD mounts (see accessories). The camera is concealed within a removable rear access cover for aesthetic purposes. The internal camera's field of view, focus and iris may be easily adjusted from the rear of the monitor. The monitor provides external 12VDC power for supplying power to an external camera.

**NOTE: 24VAC power supply NOT included.**

**NOTE: For Mount options refer to LCD/PVM Panel Mounts literature # T1577-xx and T1578-xx.**



## Specifications

### Monitor

Display Source	Built-in Camera Video or External Camera Video
LCD Panel	20.1 inches (510.54mm) TFT LCD Panel
Active Display Area	408.0 mm (H) x 306.0 mm (V)
Pixel Format	640 (H) x 480 (V), RGB vertical stripe
Pixel Pitch	0.6375mm x 0.6375mm
Color Depths	8 Bit / 16.7M Colors
Contrast Ratio	400 : 1 (Typical)
Brightness	450 cd/m2 (Typical)
Viewing Angles (L/R/U/D)	85 / 85 / 85 / 85 (Typical)
Light Source / Lifetime	6CCFL / 50,000Hrs (Minimum)
Response Time	30 ms (Typical)

### Video Integrated Camera, (WDR Camera)

Video Mode	NTSC
Camera Video Input Level	1.0Vp-p @ 75 ohms
CCD Image Sensor	1/3" Sony Super HAD CCD
Resolution	480 TVL (WDR: 480 TVL)
Sensitivity	1 Lux (F2.0, 50 IRE) (WDR: CLR 0.004 Lux)
S/N Ratio	50dB
Auto Iris	Yes
Auto White Balance	Yes
Electronic Shutter	1/60 ~ 1/100,000 sec
VF Lens	2.8 – 11mm

### Video (External Input)

Camera Video Input Connector	BNC x 1
Video Mode	NTSC / PAL
Video Input Level	1.0Vp-p @ 75 ohm
Video Output Connector	BNC x 1
Video Output Level	1.0Vp-p @ 75 ohm

### Audio

Audio Input Level	Line level
Audio Input Connector	RCA x 2
Audio Amplifier	5.0 W x 2
Speakers	Front facing x 2

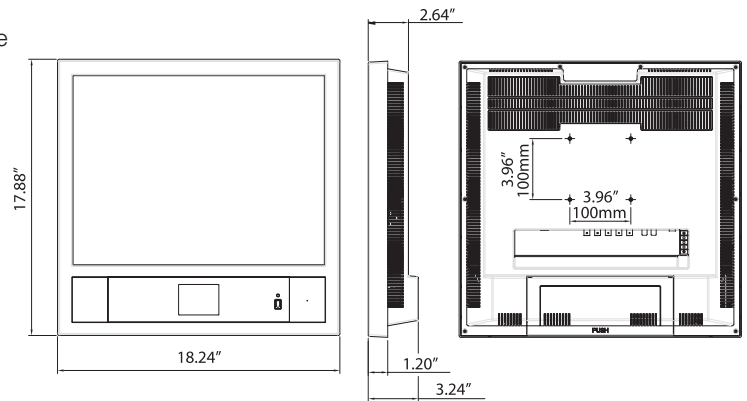
### General

DC Output	DC 12V / 500mA (for external camera)
Power Requirement	24VAC / 3.0A (power supply not included)
Power Consumption	72 Watts
Operating Temperature	32°F - 104°F (0°C ~ 40°C)
Case Material	ABS
Dimensions (WxHxD)	18.2" x 17.8" x 3.2" (463mm x 453mm x 82mm)
Weight	16.45 lbs (7.4 kg)
Accessories	Manual, Remote Control

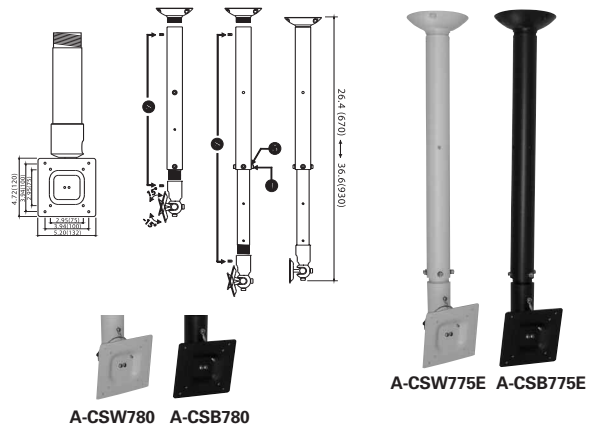
### PS-244A Power Supply

Input voltage	110 VAC (line cord)
Output voltage	24 VAC, 4 Amps (terminal strip)
Dimensions	6 5/8" x 4 1/2" x 3 1/8" (H x W x D)
Housing	NEMA-4 rated

### Dimensional Drawings



### Mounts



A-CSW780 A-CSB780

A-CSW775E A-CSB775E

A-CS777

A-CS779E

### PS-244A

#### Maximum Cable Distances\*

18 AWG	60'
16 AWG	95'
14 AWG	150'
12AWG	240'

\*117 VAC input, 23.6 VAC output

Specifications are subject to change without notice.

