

## Public View 20.1" LCD Monitor with Integrated High Resolution Camera



### General Operation

The M201 PVM series monitors are high brightness and contrast TFT LCD monitors with a built-in high-resolution color CCD camera with integrated auto-iris vari-focal lens. The monitors include programmable Video Motion Detection (VMD) capability for the internal camera and a second video input for an external camera or other video source. The internal VMD allows the monitor view to switch to the internal camera when motion occurs. The VMD sensitivity, capture time and dwell time may be individually programmed.

The monitors offer a clean aesthetic appearance with no visible operator controls. The monitor and camera programming is accomplished using the supplied IR Remote Control. A built-in selectable Light Sensor permits the monitor to enter a "sleep" mode when ambient lighting is lowered, thus providing extended LCD backlight life.

Three video outputs are provided; one loop-through video output for the internal camera and two auxiliary outputs each selectable between the internal or external video input as additional loop-through video connections.

A six-language on-screen menu is provided for ease of programming, and includes camera titling, camera and monitor contrast, brightness and sharpness settings. A motion adjust function is selectable to help discriminate image artifacts when objects are moving quickly in the camera's field of view.

The monitors contain two powerful 2.5W audio amplifiers and speakers for stereo line-level audio input.

The monitors feature a 100mm VESA mount connection point for use with various LCD mounts (see accessories). Camera and power wiring 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 by removing the camera assembly from the rear of the monitor. The monitors provide external 12VDC power for supplying power to a second camera.

### Features

- Compact attractive look for high visibility retail applications with no visible controls
- Built-in high resolution color camera with 4-9mm VF AI lens concealed in front bezel
- Wireless remote control (included)
- External 2nd camera input
- High Brightness and Contrast TFT-LCD Color Monitor
- Video Motion Detection (VMD) capability (internal camera)
- Built-in Light Sensor for sleep mode
- Three video output connectors (Internal camera loop-out, two outputs programmable)
- Concealed wiring with easy access cover
- Built-in 12VDC power for external camera
- Six language selections
- Case color options: solid white or two-tone; gray front with black rear

### Ordering Guide

<b>M201SB</b>	20.1" LCD PVM with integrated high resolution color camera, white case
<b>M201GR</b>	20.1" LCD PVM with integrated high resolution color camera, gray case

## Specifications

### Models

M201SB 20.1" LCD Public View Monitor with Integrated high resolution color camera, white case

M201GR 20.1" LCD Public View Monitor with Integrated high resolution color camera, gray case

### Monitor

Display Source Built-in Camera Video + 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/m<sup>2</sup> (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)

Video Mode NTSC  
 Camera Video Input Level 1.0Vp-p @ 75 ohm  
 CCD Image Sensor 1/3" Sony Super HAD CCD  
 Resolution 470 TVL  
 Sensitivity 1 Lux (F2.0, 50 IRE)  
 S/N Ratio 50dB  
 Auto Iris Yes  
 Auto White Balance Yes  
 Electronic Shutter 1/60 ~ 1/100,000 sec  
 VF Lens 4 - 9mm

### 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 3  
 Video Output Level 1.0Vp-p @ 75 ohm

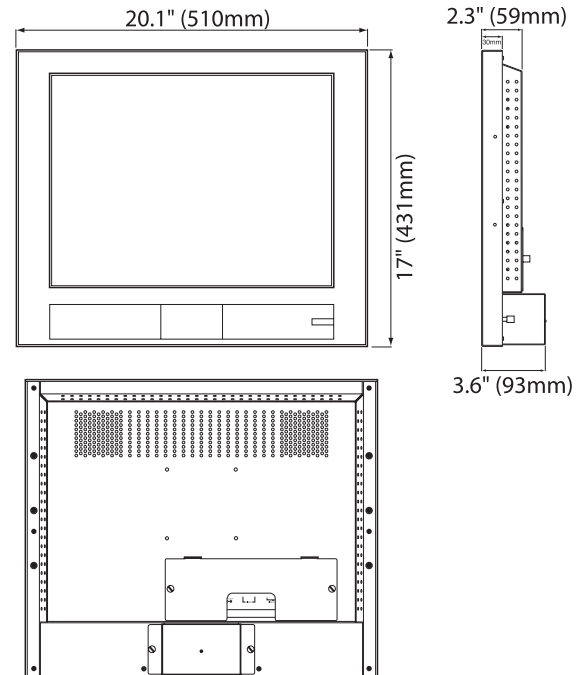
### Audio

Audio Input Level Line level  
 Audio Input Connector RCA x 2  
 Audio Amplifier 2.5 W x 2

### General

DC Output DC 12V / 500mA (for external camera)  
 Power Requirement DC 12V / 4.9A  
 Power Consumption 60 Watts  
 Operating Temperature 32°F - 104°F (0°C ~ 40°C)  
 Case Material Metal  
 Dimensions (WxHxD) 20.1" x 17" x 3.6" (510mm x 431mm x 93mm)  
 Weight 19.18 lbs (8.7 kg)  
 Accessories DC Adapter, Power Cord, Manual, Remote Control  
 Extension Cable for Power (option)

## Dimensions



## Optional Mounts



Specifications subject to change without notice.