



## PRODUCT SPECIFICATION

# PMC14F Monitor

## 14-INCH COLOR, HIGH RESOLUTION



### Product Features

- High Resolution
- 100% Steel Housing
- Front Panel Controls
- 110-240 VAC Input
- Built-in Speaker
- Video and Audio Input and Output
- S-VHS Input for Separate Y-C Signals
- Digital Comb Filter for Significantly Improved Picture Quality
- Automatic Color Switching System (PAL/NTSC)
- Handles Facilitate Rack Mounting

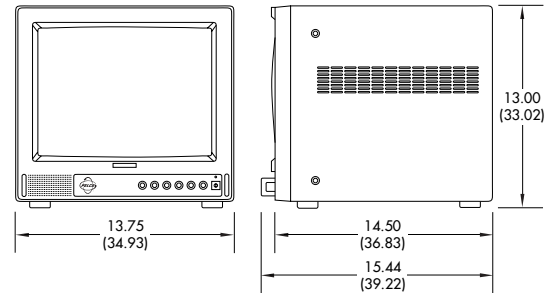


The **PMC14F** is a high-resolution color video monitor that can be used in desktop applications or rack mounted using the optional easy-to-assemble rack mount kit. The monitor comes with handles which facilitate ease of handling when installing in a rack.

The **PMC14F** supports both NTSC and PAL video, as well as 120 VAC and 230 VAC input power. For your convenience, the unit is supplied with two grounded power cords: one for 120 VAC and a "Euro"-style one for 230 VAC. An automatic switching system makes all the necessary changes for adapting to the required formats. Manual selection is not required.

In addition, the **PMC14F** features audio input and output. The monitor's S-VHS, high-resolution video (460 horizontal lines at center), and digital comb filter add to the superior picture quality features of the product.

This monitor works very well in both large and small applications.



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.





## TECHNICAL SPECIFICATIONS

### MODEL

PMC14F Color monitor, 14-inch (35.56 cm) picture display, NTSC or PAL, auto select

### ELECTRICAL

Input Voltage 110-240 VAC, 50/60 Hz  
 Power Consumption 60 watts  
 Horizontal Resolution 460 lines (center)  
 380 lines (corners)  
 Picture Tube 14 inches (35.56 cm) measured diagonally  
 Effective Picture Size  
 Height 8.27 inches (21.0 cm)  
 Width 11.0 inches (28.0 cm)  
 Input Signal Composite video, negative synch:  
 Y : 1.0 Vp-p  
 C : 0.286 Vp-p  
 Terminals  
 Video Input Level/Impedance 1 Vp-p/75 ohms  
 Video Output Level/Impedance 1 Vp-p/75 ohms  
 Audio Input Level/Impedance 0.3 Vrms/25 ohms (over)  
 Audio Output Level/Impedance 0.3 Vrms/4.7K ohms (under)  
 Subcarrier Frequency 3.579549 MHz  $\pm$ 200 Hz  
 Sync Range 4.433619 MHz  $\pm$ 200 Hz  
 at room temperature  
 High Voltage 23.5KV  $\pm$ 500V  
 Convergence <1.0 mm (at center of picture)  
 <1.4 mm (at corners of picture)  
 Brightness More than 250 lux in 100% white signal picture at center

### GENERAL

Connectors  
 Video Input/Output BNC  
 S-VHS Input 4-pin mini DIN  
 Audio Input/Output RCA  
 AC Power Cord Unit is supplied with two grounded power cords; one for 120 VAC and a "Euro"-style one for 230 VAC  
 Construction Steel cabinet  
 Finish Black with black bezel around screen  
 Unit Weight 26.75 lb (12.13 kg)  
 Shipping Weight 32 lb (14.51 kg)

### ENVIRONMENTAL

Operating Temperature 32° to 106°F (0° to 41°C)  
 Humidity 0% to 90% (non-condensing)

### CERTIFICATIONS

- ◆ CE, Class B
- ◆ UL listed to Standard 1410
- ◆ cUL listed to CSA Standard 22.2 No. 1-94
- ◆ FCC, Class A

### RECOMMENDED MOUNTS

RMA14F Rack kit for mounting one monitor in a 19" W (48.26 cm) rack. (8 RUs.) Black polyester powder coat finish. (See C967 spec)  
 MR5000M Viewing system ceiling monitor mount. (See C229 spec)