



# PMC14H Monitor

## 14-INCH COLOR, HIGH RESOLUTION

### Product Features

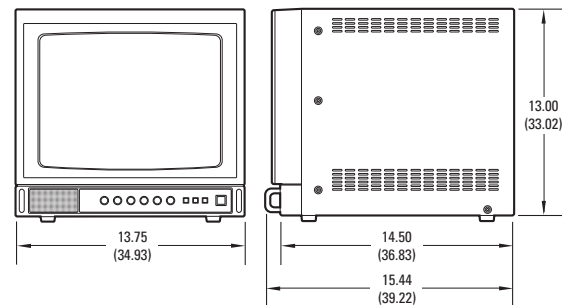
- High Resolution
- 100% Steel Housing
- Front Panel Controls
- 110-240 VAC, 50/60 Hz, Auto-Ranging
- Auto-sensing NTSC/PAL
- Built-in Speaker
- Video and Audio Input and Output
- S-VHS Input for Separate Y-C Signals
- Digital Comb Filter for Significantly Improved Picture Quality
- Rack Mountable



The **PMC14H** is a high-resolution color video monitor (450 horizontal lines at center) that can be used in desktop applications or rack mounted using the optional easy-to-assemble rack mount kit.

The **PMC14H** supports both NTSC and PAL video, as well as 120 VAC and 230 VAC input power. The unit is supplied with two grounded power cords: one for 120 VAC and one for 230 VAC. An automatic switching system makes all the necessary changes for adapting to the required formats. Manual selection is not required.

The back panel of the **PMC14H** has two BNC video inputs with looping outputs, one S-Video input, and multiple audio inputs with looping outputs (for installations where audio monitoring is required). The monitor also features digital comb filter for superior picture quality and conveniently located front panel image adjustment controls (brightness, color, and contrast).



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



C2906 / REVISED 1-06



International Standards Organization Registered Firm; ISO 9001 Quality System



# TECHNICAL SPECIFICATIONS

## MODEL

PMC14H Color monitor, 14-inch (35.56 cm) picture display

## ELECTRICAL

Input Voltage 110-240 VAC, 50/60 Hz, auto-ranging  
Power Consumption 45 watts  
Horizontal Resolution 450 lines (center)  
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  
Signal Format NTSC/PAL, auto-sensing  
Terminals  
Video Input Level/  
Impedance 1 Vp-p/75 ohms  
Video Output Level/  
Impedance 1 Vp-p/75 ohms  
Audio Input Level/  
Impedance 1 Vp-p/75 ohms  
Audio Output Level/  
Impedance 1 Vp-p/75 ohms  
Subcarrier Frequency  
Sync Range  
NTSC 15743 Hz  
PAL 15625 Hz  
High Voltage 23.5 KV  $\pm$ 500 V  
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  
Total Geometric Distortion < 3%

## GENERAL

Connectors  
Video A BNC input with looping BNC output  
Video B BNC input with looping BNC output  
S-Video 4-pin mini DIN input  
Audio 3 RCA inputs with looping RCA outputs  
Construction Steel cabinet  
Finish Black with black bezel around screen  
Unit Weight 30.6 lb (14 kg)  
Shipping Weight 34 lb (15.4 kg)

## ENVIRONMENTAL

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

## CERTIFICATIONS

- CE, Class B
- UL Listed
- CSA
- FCC, Class A
- China Compulsory Certification (CCC)

## RECOMMENDED MOUNTS

RMA14F Rack kit (8 RUs) for mounting one monitor in a 19" W (48.26 cm) rack.



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