



# Product Specification Sheet



APS229

Rev. 1 - 02/1998



MV-110B

## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

This monitor shall be Alpha Communications® model MV-110B or approved equivalent. Monitor shall have 10" picture (measured diagonally) with an area of 44 square inches. Monitor has a minimum horizontal resolution of 850 lines and shall operate on 120 VAC or 220 VAC. Monitor shall operate under a temperature range of 0°F to 140 °F (-18°C to 60°C).

Contractor shall observe all local and national electrical and building codes.

Check with applicable authorities regarding local and federal laws as they apply to party consent and video and/or audio recording.

## MV-110B 10" High Resolution CCTV Video Monitor

### FEATURES

- Excellent linearity
- Large 10" picture (measured diagonally)
- Bright high contrast display
- DC restoration - stable black level
- High resolution - more than 850 lines
- All controls behind hinged front door
- Optimum stability with time lapse recorders
- High gain video amplifier - optimum contrast

### CRT

- Size:** 10.0" (measured diagonally)  
**Deflection Angle:** 90°  
**Area:** 44.0 square inches

### ELECTRICAL SPECIFICATIONS

- Horizontal Resolution:** Minimum 850 lines  
**D.C. Restoration:** Maintains black level to less than 2% of peak luminance  
**Grey Scale:** 10 shades minimum  
**Voltage Regulation:** Less than 1% change for variation of line voltage ± 10%

- AFC Horizontal Time Constant:** Compatible with time lapse recorders  
**Video Response:** 12 Mhz ± 3 dB  
**Horizontal Scan Frequency:** 15,750 hz EIA, 15,625 Hz CCIR  
**Vertical Scan Frequency:** 50 / 60 Hz  
**Linearity and Geometry:** No point on raster deviates from its proper position by more than 2% height  
**Video Input Level:** 0.25 to 2.0 V P-P  
**Sync:** Negative  
**Impedence:** Switch selectable 75 Ohm or high impedance  
**Video Input Connector:** 2-BNC loop through  
**Input Voltage:** 120 or 220 VAC  
**Power Consumption:** 30 watts

### MECHANICAL SPECIFICATIONS

- Dimensions:** 9.25" H x 8.5" W x 10.0" D (235mm x 220mm x 250mm)  
**Weight:** 13.5 lbs. (6.2 kg)

### ENVIRONMENTAL

- Temperature:** 0°F to 140°F (-18°C to 60°C)  
**Humidity:** 0 to 90 %

*Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.*