



Product Specification Sheet



APS228

Rev. 1 - 09/1998



MV-120B

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

This video monitor shall be Alpha Communications® model MV-120B or approved equivalent. Monitor shall have large 12" picture (measured diagonally) with area of 73 square inches. Monitor shall have a high resolution of more than 850 lines and operate on 120VAC to 220VAC. 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-120B 12" High Resolution Video Monitor

FEATURES

- Excellent linearity
- Large 12" picture (measured diagonally)
- Bright high contrast display / high gain video amplifier
- DC restoration - stable black level
- High resolution - more than 850 lines
- All controls behind hinged front door
- Optimum stability with time lapse recorders

CRT

- Size:** 12.0" (measured diagonally)
Deflection Angle: 90°
Area: 73.0 square inches

ELECTRICAL SPECIFICATIONS

- Horizontal Resolution:** Minimum 850 lines
D.C. Restoration: Maintains black level to less than 2% of peak luminance
Shades of Grey: 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:** 12.25" H x 12.125" W x 12.0" D (311mm x 308mm x 305mm)
Weight: 21 lbs. (9.5 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.