

2000 Bloomingdale Road
Units 245-250
Glendale Heights, IL 60139

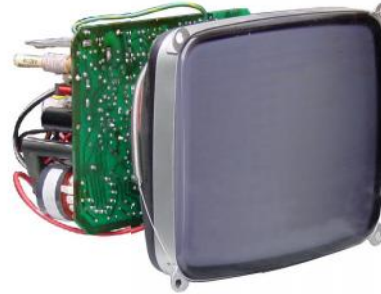
Phone: (630) 893-1720
FAX: (630) 893-9991

Web: www.omnivisionusa.com
Email: info@omnivisionusa.com

9" & 12" Monochrome CRT Monitor

Yoke Mount Version

TTL Input (15 or 18 kHz) Signal



9" CRT model shown

This family of Omni Vision monitors is offer "chassis less" design where the main PCB is mount around the neck of the CRT. No need to worry about where to mount the circuit board; just mount the CRT and connect the signal and power to the unit thru a 10-pin card edge connector. The main circuit board is made of an industrial grade epoxy/fiber glass reinforced material with an FR4 rating.

Detail Specification:

Omni Vision	LP0915LG4-(P4, P31, or LA)	LP1215LG4-(P4, P31, or LA)
Model Number	LP0918LG4-(P4, P31, or LA)	LP1218LG4-(P4, P31, or LA)
CRT size	9"	12"
Phosphor	White (P4), Green (P31), and Amber (LA)	White (P4), Green (P31), and Amber (LA)
Display size	35 sq. in	55 sq. in
Resolution (typical)	At 15 kHz - 640 x 240 At 18 kHz - 720 x 288	At 15 kHz - 640 x 240 At 18 kHz - 720 x 288
Scanning	Non-interlaced	Non-interlaced
Horizontal frequency	15.7 or 18.4 kHz +/- 500 Hz	15.7 or 18.4 kHz +/- 500 Hz
Vertical frequency	50 or 60 Hz	50 or 60 Hz
Video Response	to 20 MHz	to 20 MHz
Enhanced video input	to 10 MHz	To 10 MHz

General Information:

- On board service controls Brightness, Contrast, Focus Horizontal Size, Centering, Hold Vertical Size, Centering, and Linearity
- Input signal type standard TTL level (0.0 to 0.7 volts (low), 2.5 to 5.0 volts (high) –
Video & Enhanced Video Signals - TTL level 0 to 5 volts
Horizontal & Vertical Sync Signals - TTL level 0 to 5 volts
- Signal Connectors - Standard 10-pin card edge connector
- Input Power - Standard +12 vdc @ 1.25 A (typical)
- Input Power Connector - Standard card edge connection
- Temperature - Operating from 0 to +55 degrees C
Storage from -20 to +65 degrees C
- Agency Approvals - UL, cUL, TUV
- Agency Compliance - FDA, CE, FCC
- Weight - 10 lbs.
- Dimensions (W x H x D) - 9" model is 9.1 x 7.1 x 8.7 inches
12" model is 11.7 x 8.5 x 11.1 inches