

Omni Vision Inc

**504 Congress Circle N
Unit B
Roselle, IL 60172**

Display Monitor Specialist

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**Industrial TFT Color LCD Display Monitors
10.4" LCD kit Version Model Replacement
for Omni Vision
LP1218FK7... series – 12" monochrome CRT**

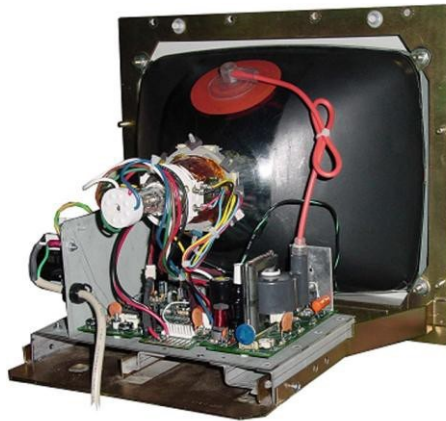
Model # MN10B4G1-FK7 –

Made in the USA

Haas Automation Replacement Module

Original LP1218FK7... series model

Replacement LCD model MN10B4G1-FK7 series model



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FEATURES

- Easy to mount open frame module, metal chassis as LP12... series monochrome CRT monitors
- Bezel to match CRT curvature
- OSD (On-Screen-Display) user service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear standard
- Data is displayed as white data on black background
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel attached to face of LCD panel.

SPECIFICATIONS

Active Matrix Color TFT Panel	10.4" TFT color LCD (264.1 mm diagonal) with LED back light
Usable Viewing Area (Size)	8.31" x 6.29" (211.2 x 158.4 mm)
Viewing Angle	Horizontal – right & left 60 degrees Vertical – upper 35 degrees & lower 65 degrees
Dot Pitch	0.264 x 0.264 mm
Max Resolution	800 x 600
Max Colors	16.2M / 262K colors (262K - RGB 6-bit driver)
Response Time	Rise time – 10 millisecc (typical) Fall time – 25 millisecc (typical)
Horizontal Frequency	18.432 Khz
Vertical Frequency	49.816 Hz
Brightness (full white)	230 nits
Contrast Ratio	500:1
Resolution	720 x 350
Signal Input TTL	15.7 kHz to 35 kHz @ 50 or 60 Hz Separate TTL video, Horizontal Sync, and Vertical Sync
Signal Input Connector	Thru 9 pin "D"-Sub connector on 60" long cable
Power input	
AC voltage	Standard 100-240 VAC auto ranging @ 47 to 63 Hz Thru various AC power optional connectors
Temperature	
Operating	-20 to +70 degrees C
Storage	-20 to +70 degrees C

The LCD module is easily installed in the original Haas Automation chassis. Once the CRT and its associated electronics, the LCD module is dropped down into the chassis lining up and inserting the LCD module lower CRT matching mounting ears/holes to the studs used to mount the CRT and swinging the LCD module into the upper CRT ear mounting studs.