

Omni Vision Inc

504 congress Circle, North
Unit B
Roselle, IL 60172

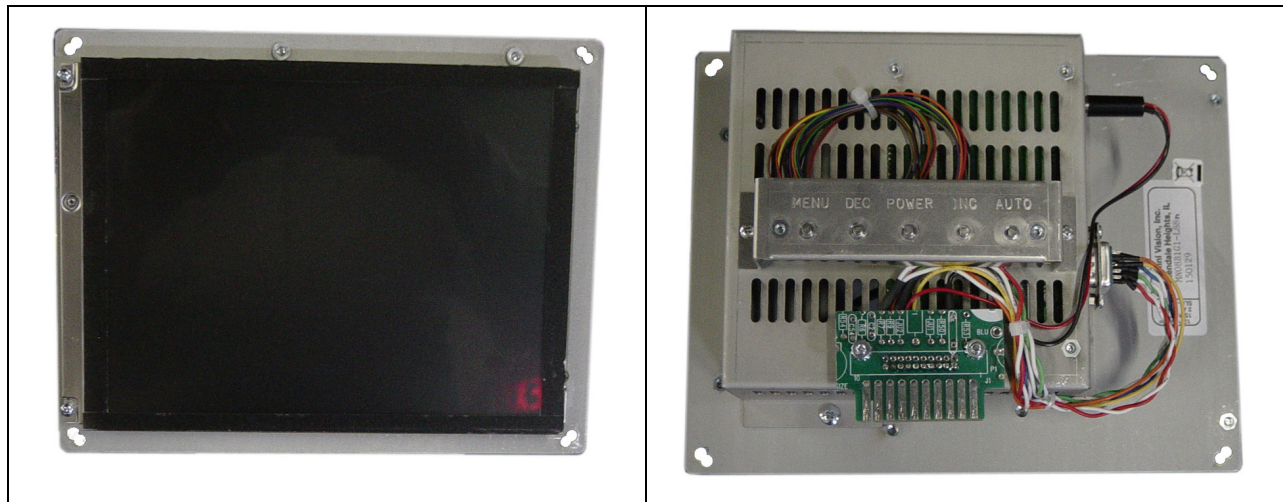
Display Monitor Specialist

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Industrial TFT Color LCD Display Monitors 8.4" Models for Replacement of 9" monochrome CRT models LP0915L88 and LP0918L88

Made in the USA

TTL (versions)	Model #	
DC Version – open frame with 9" monochrome CRT mounting plate	MN08B1G1-L88... Series	Input: +12 vdc



FEATURES

- In standard CRT mounting plate version – this module mounts exactly in the 9" monochrome chassis mounting hole pattern as CRT models LP0915L88 and LP0918L88
- Power and signal applied through standard 9" monochrome CRT 10-pin card edge connector or special customer specified headers
- Standard video displayed is white characters on black background
- User service controls of through On-Screen-Display (OSD) for size, position, brightness, contrast, etc
- User service controls accessed in rear standard
- Different models for different input signals – 15.7 kHz or 18.4 kHz TTL separate video and separate horizontal and separate vertical sync
- Input power flexibility - standard +12 vdc at 2.0 Amps
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel that prevents damage to LCD face

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ELECTRICAL & DISPLAY SPECIFICATIONS

Active Matrix	8.4" TFT color LCD (213.4 mm diagonal)
Usable Viewing Area (Size)	6.71" x 5.03" (170.4 x 127.8 mm)
Viewing Angle	Horizontal – right & left 80 degrees Vertical – upper 80 degrees & lower 70 degrees
Dot Pitch	0.213 x 0.213 mm
Max Resolution	800 x 600
Max Colors	16.2 M / 262K colors
Response Time	Rise time – 20 millisecc (typical) Fall time – 10 millisecc (typical)
Horizontal Frequency	15.7 to 18 kHz
Vertical Frequency	50 to 60 Hz
Brightness (full white)	450 nits (typical)
Contrast Ratio	600:1
Input Signal	
Various TTL models	15.7 kHz to 18.4 kHz @ 50 and 60 Hz thru standard analog 10-pin card edge connector
Power input	
DC voltage input	Standard +12 vdc @ 2 Amps
Temperature	
Operating	-30 to +85 degrees C
Storage	-30 to +85 degrees C

Mechanical Details

<i>TTL model</i>	Model #	Drawing #
Open frame chassis –		
DC version	MN08B1G1-L88	N/A (standard CRT drawing available upon request)