

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 10.4" Chassis Version Model – MN10B1G1-E68 Replacement for 12" monochrome CRT

Made in the USA

TTL monitor	Model #	
DC version – with bezel	MN10B1G1-E68	Input +12VDC



FEATURES

- Same easy to mount open frame, metal chassis as monochrome CRT monitors
- Bezel to match CRT curvature
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear
- Input signals – (TTL Video and TTL sync signals)
- Input signal connector – thru standard 10 pin card edge connector
- Input power flexibility – +12 vdc
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- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel attached to face of LCD panel.

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SPECIFICATIONS

Active Matrix	10.4" TFT color LCD (264.1 mm diagonal)
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	262K colors (RGB 6-bit driver)
Response Time	Rise time - 10 millisec (typical) Fall time - 25 millisec (typical)
Horizontal Frequency	15.7 to 54 kHz
Vertical Frequency	56 to 85 Hz
Brightness (full white)	230 nits
Contrast Ratio	500:1
Input Signal	
	15.7 kHz to 48 kHz @ 60 Hz thru standard 10 pin card edge connector
Power input	
DC voltage input	Standard +12 vdc @ 2 Amps
Temperature	
Operating	0 to +50 degrees C
Storage	-20 to +60 degrees C

Mechanical Details

	Model #	Drawing #
10.4" LCD monitor	MN10B1G1-E68	N/A