

# Omni Vision Inc

504 Congress Circle, North  
Unit B  
Roselle, IL 60172

## Display Monitor Specialist

Tel: 630-893-1720  
FAX: 630-893-9991  
Web: www.omnivisionusa.com  
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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**

<b>Active Matrix</b>	10.4" TFT color LCD (264.1 mm diagonal)
<b>Usable Viewing Area (Size)</b>	8.31" x 6.29" (211.2 x 158.4 mm)
<b>Viewing Angle</b>	Horizontal - right & left 60 degrees Vertical - upper 35 degrees & lower 65 degrees
<b>Dot Pitch</b>	0.264 x 0.264 mm
<b>Max Resolution</b>	800 x 600
<b>Max Colors</b>	262K colors (RGB 6-bit driver)
<b>Response Time</b>	Rise time - 10 millisec (typical) Fall time - 25 millisec (typical)
<b>Horizontal Frequency</b>	15.7 to 54 kHz
<b>Vertical Frequency</b>	56 to 85 Hz
<b>Brightness (full white)</b>	230 nits
<b>Contrast Ratio</b>	500:1
<b>Input Signal</b>	
	15.7 kHz to 48 kHz @ 60 Hz thru standard 10 pin card edge connector
<b>Power input</b>	
DC voltage input	Standard +12 vdc @ 2 Amps
<b>Temperature</b>	
Operating	0 to +50 degrees C
Storage	-20 to +60 degrees C

### **Mechanical Details**

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