

# Omni Vision Inc

504 Congress Circle N  
Unit B  
Roselle, IL 60172

## Display Monitor Specialist

Tel: 630-893-1720  
FAX: 630-893-9991  
Web: [www.omnivisionusa.com](http://www.omnivisionusa.com)  
Email: [info@omnivisionusa.com](mailto:info@omnivisionusa.com)

### Industrial TFT Color LCD Display Monitors

10.4" kit version models

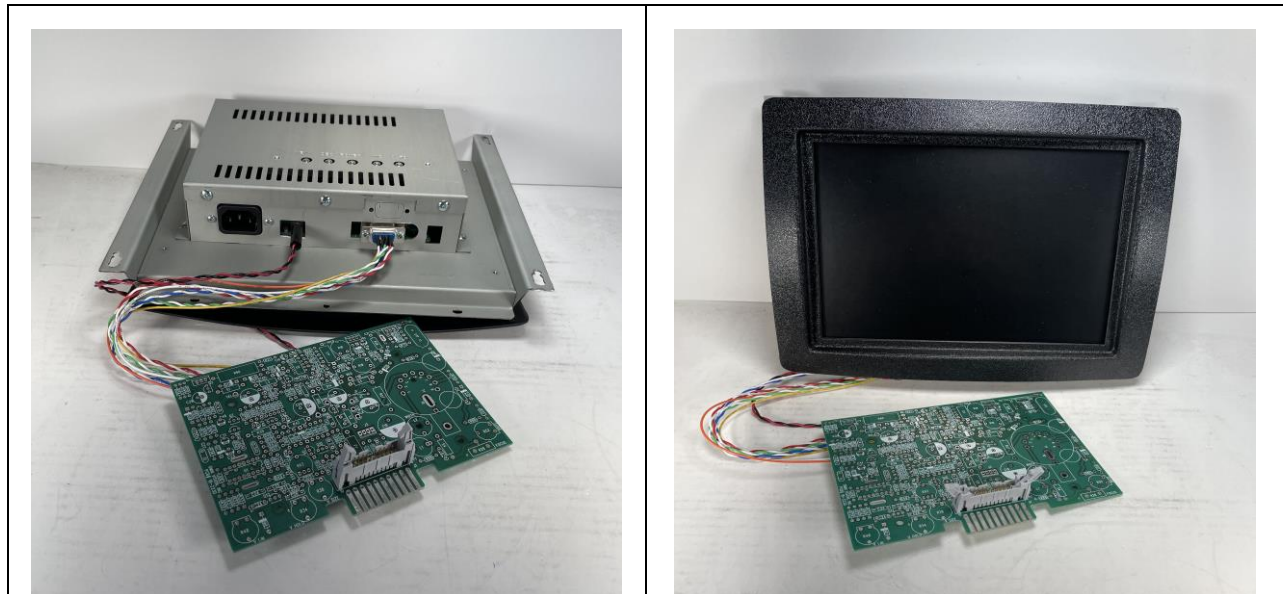
### MN10B4G1-AF4

Replacement monitor FOR LP1222AF4

USED IN GENESYS 5000 SERIES GAMMA COUNTER

**Made in the USA**

Signal: TTL	Model number	Power
open frame	MN10B1G1-AF4	+12VDC
	MN10B4G1-AF4	110VAC



## FEATURES

- Easy to mount open frame, metal chassis (top & bottom flanges or side flanges)
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear
- input signals-TTL
- Input power flexibility-standard +12 vdc at 1.0 Amps, other DC voltages
- **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

<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 (262K-RGB 6-bit driver)
<b>Response Time</b>	Rise time – 10 milliseconds (typical) Fall time – 25 milliseconds (typical)
<b>Horizontal Frequency</b>	15.72 kHz to 48 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>	
<b>TTL</b>	22.00 kHz @ 54.32 Hz Through 20 pin locking headers
<b>Power input</b>	Standard +12vdc @ 1 Amps
<b>DC voltage input</b>	Through 20 pin locking headers
<b>AC voltages</b>	<b>110 vac</b>
<b>Temperature</b>	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C