

504 Congress Circle N  
Unit B  
Roselle, IL. 60172

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

## 8.4" LCD Industrial Monitor

## 9" or 10" color CRT Replacement


## FP08B4G0-G3



This Omni Vision 8.4 LCD module is assembled in a sturdy metal open frame chassis for industrial applications. It is designed with an 800x600 resolution LCD panel for maintaining high-resolution image requirements, wide-angle viewing, and bright light output.

*It is designed for replacement applications where a 9" or 10" color CRT is commonly found in Fanuc controllers. A typical Fanuc 9" monitor part number would be A61L-0001-0090. This model has been specifically designed for several known Fanuc controller operating frequencies of 15.7 kHz at 54 Hz, 20.3 kHz at 55 Hz, and 25.4 kHz at 54.5 Hz, but it will operate at other horizontal frequencies between 15 kHz and 31 kHz without reducing image quality or unit reliability.*

### Display Specification:

	Original 10" color CRT	New 8.4" color LCD	
Diagonal	230 mm	213.4 mm	
Usable viewing area	185 x 135 mm	170.4 x 127.8 mm	
Dot pitch	0.26 mm	0.213 x 0.213 mm	
CRT curvature	495 mm	0 mm (flat)	
Max resolution	800 x 600 @ 60 Hz	800 x 600 @ 60 Hz	
Horizontal frequency	31 to 38 kHz	31.5 to 54 kHz	
Vertical frequency	50 to 90 Hz	56 to 85 Hz	
Brightness (full white)	32 FL (109 nits)	220 nits (64 FL)	
Contrast ratio	Not defined	500:1	

### General Specification:

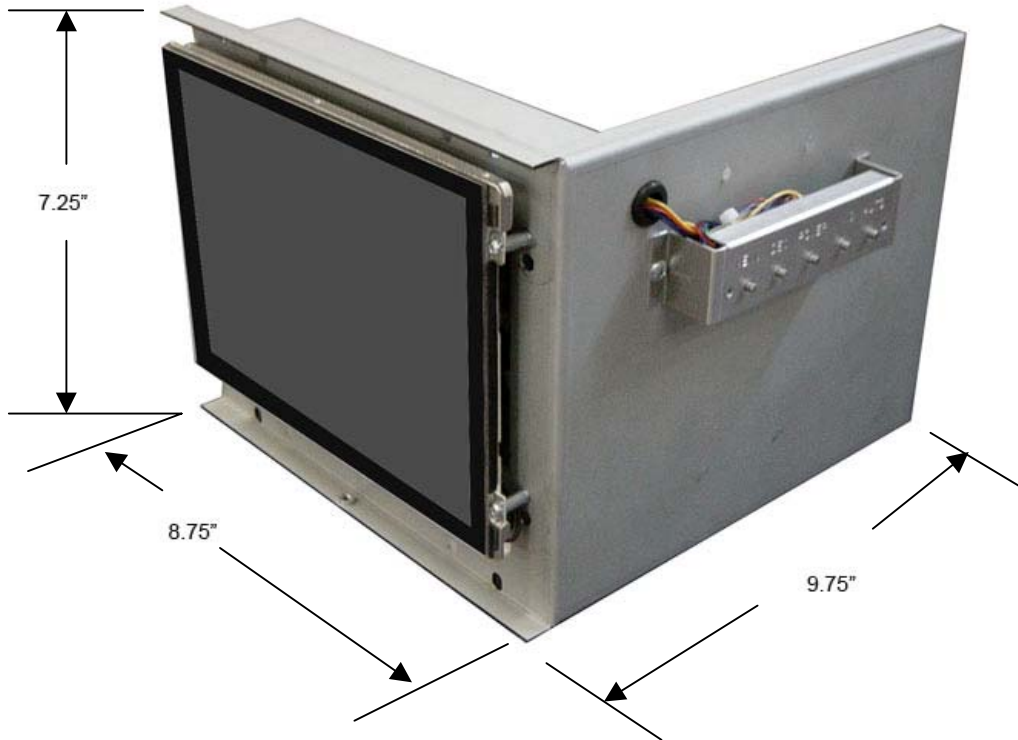
- Sturdy metal chassis with front top & bottom mounting holes
- Rear or side access user service controls of brightness, contrast, auto set up, etc
- Temperature - Operating from 0 to +55 degrees C  
Storage from -20 to +65 degrees C
- Input Signal Connector - 20-pin Honda connector
- Input Power Connector - 3 barrier strip connector
- AC Power Range - 90 VAC to 264 VAC (47 Hz to 63 Hz)
- Agency Compliance - UL (UR, cUR) and CB
- RoHS compliant

**See attached mechanical details of chassis**

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**FP08B4Gx-G3**



**Rear View =====>>**

**Omni Vision LCD Replacement  
Showing 20-pin Honda signal  
and  
3-pin AC Power strip  
Connectors**



Front View – Original 9” color CRT monitor	Connector View – Original 9” color CRT monitor