

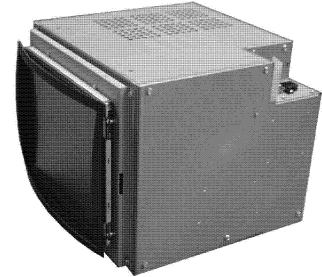
504 Congress Circle N.Unit B  
Roselle, IL 60172

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

## 12.1" LCD MONITOR 14" COLOR REPLACEMENT

**A61L-0001-0096**

Omni Vision model# **FP12B4G1-ZG**



This Omni Vision 12.1" industrial LCD module drops into sturdy industrial 14" color CRT monitor open frame, metal chassis applications. It is designed to replace the 14" color CRT and its associated electronics while maintaining high-resolution image requirements of wide-angle viewing and bright light output. This monitor is a direct replacement for the Omni Vision E14DC-ZG Rev xx

*It is designed for replacement applications for TATUNG, TOTUKO, TOSHIBA and OKUMA CONTROLLERS (which is commonly found in Fanuc controllers with display module A61L-0001-0096. This model has been specifically designed for 31.5 kHz applications but may operate at other horizontal frequencies between 24 and 31 kHz without reducing quality or reliability of unit.*

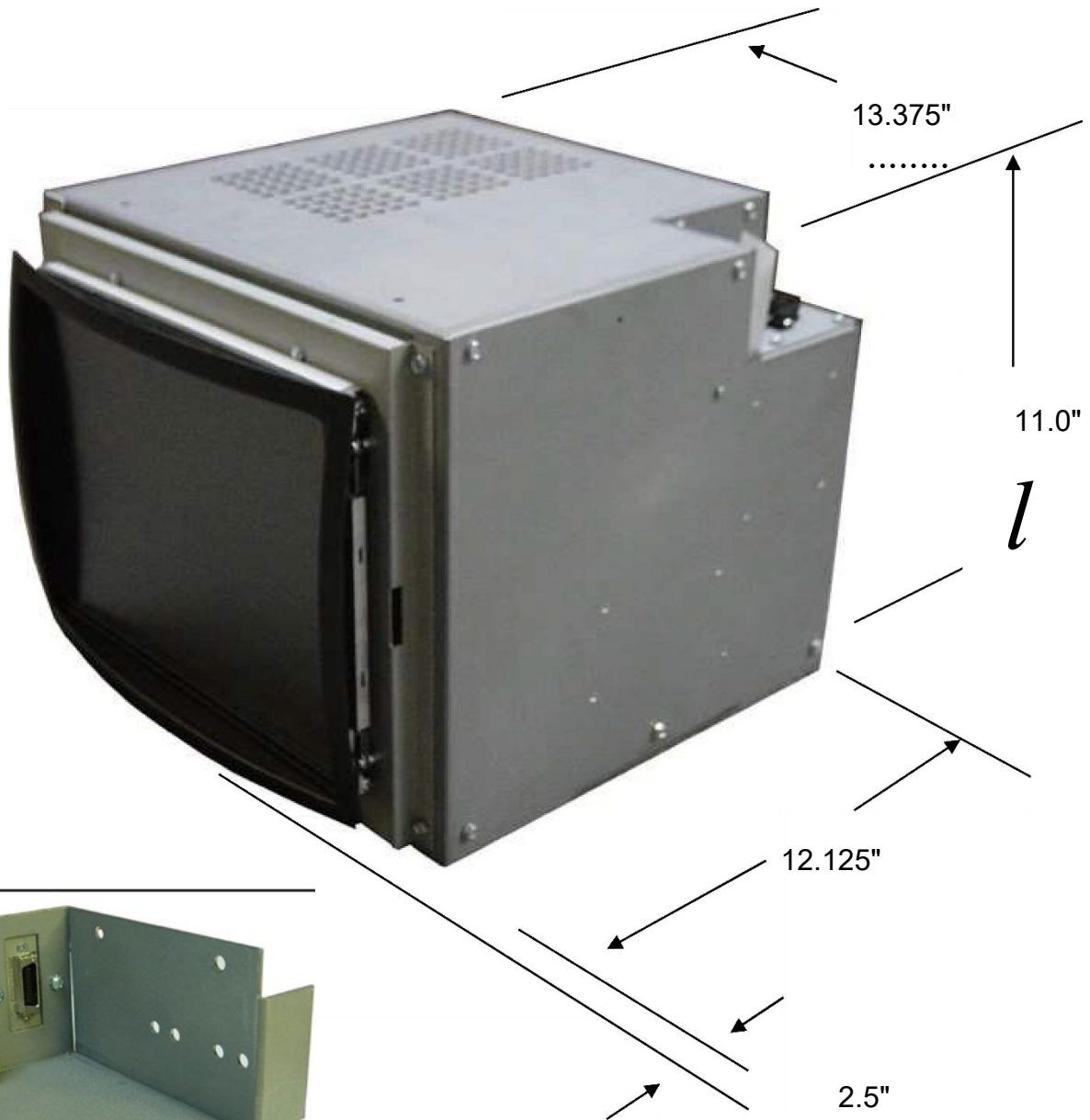
### Display Specification:

Active Matrix	12.1" TFT color LCD (307.3 mm diagonal)
Usable Viewing Area (Size)	9.68"x7.26" (246.0x184.5mm)
Viewing Angle	Horizontal-right & left 70 degrees Vertical-upper 50 degrees & lower 60 degrees
Dot Pitch	0.3075 x 0.3075 mm
Max Resolution	1078 x 768
Max Colors	16.2M/262K colors (262k-RGB 6-bit driver)
Response Time	Rise time-10 millisecond (typical) Fall time-25 millisecond (typical)
Horizontal Frequency	15.7 to 60kHz
Vertical Frequency	56 to 85Hz
Brightness (full white)	400 nits
Contrast Ratio	600:1
Input Signal TTL	Horizontal 31.5Khz and Vertical 60Hz Thru 20-pin Honda Connector
Power Input AC	90 VACS to 264 VACS (47Hz to 63Hz) Thru Barrier Strip or 3-Pin Bumpy Connector
Temperature: Operating	-30 to +85 degrees C
Storage	-30 to +85 degrees C

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**Model FP12B4GO-ZxA**  
**12.1" color LCD replacement of 14" color CRT**  
**Industrial chassis**



Mounted in rear:  
Signal and power  
inputConnectors

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### Omni Vision Model

FP12B4G0-ZxA  
FP12B4G1-ZxA  
FP12B4G0-ZG  
FP12B4G1-ZG

### Fanuc model #

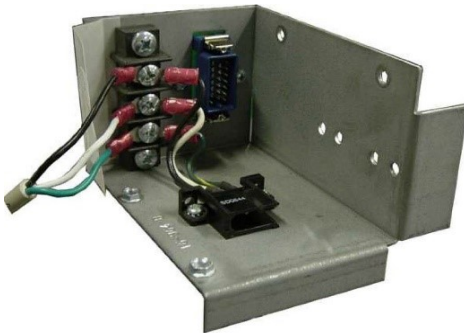
A61 L-0001-0074  
A61 L-0001-0074  
A61 L-0001-0096  
A61 L-0001-0096

Includes-

- Typical Fanuc signal and power input connectors
- Typical, equivalent Fanuc bracket

## Photos of power and signal input connectors

FP12B4Gx-ZxA



FP12B4G1-ZG

