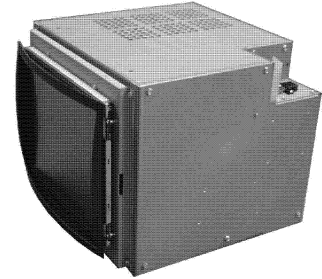


504 Congress Circle N.Unit B  
Roselle, IL 60172

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-0001-0074 & A61L-0001-0094



Both models are used in  
Fanuc 6,10,11,12 and 15 series

Omni Vision model # **FP12B4G1-Z1A (640x350px1)**  
**FP12B4G1-Z2A (640X430PXL) 04 (AMADA)**

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-ZA Rev xx

*It is designed for replacement applications of a Matsushita model TX 1404 AB (which is commonly found in Fanuc controllers with display module A61L-0001-0074 or A61L-0001-0094). This model has been specifically designed for 25.4 kHz applications but may operate at other horizontal frequencies between 24 and 31 kHz without reducing quality or reliability of unit.*

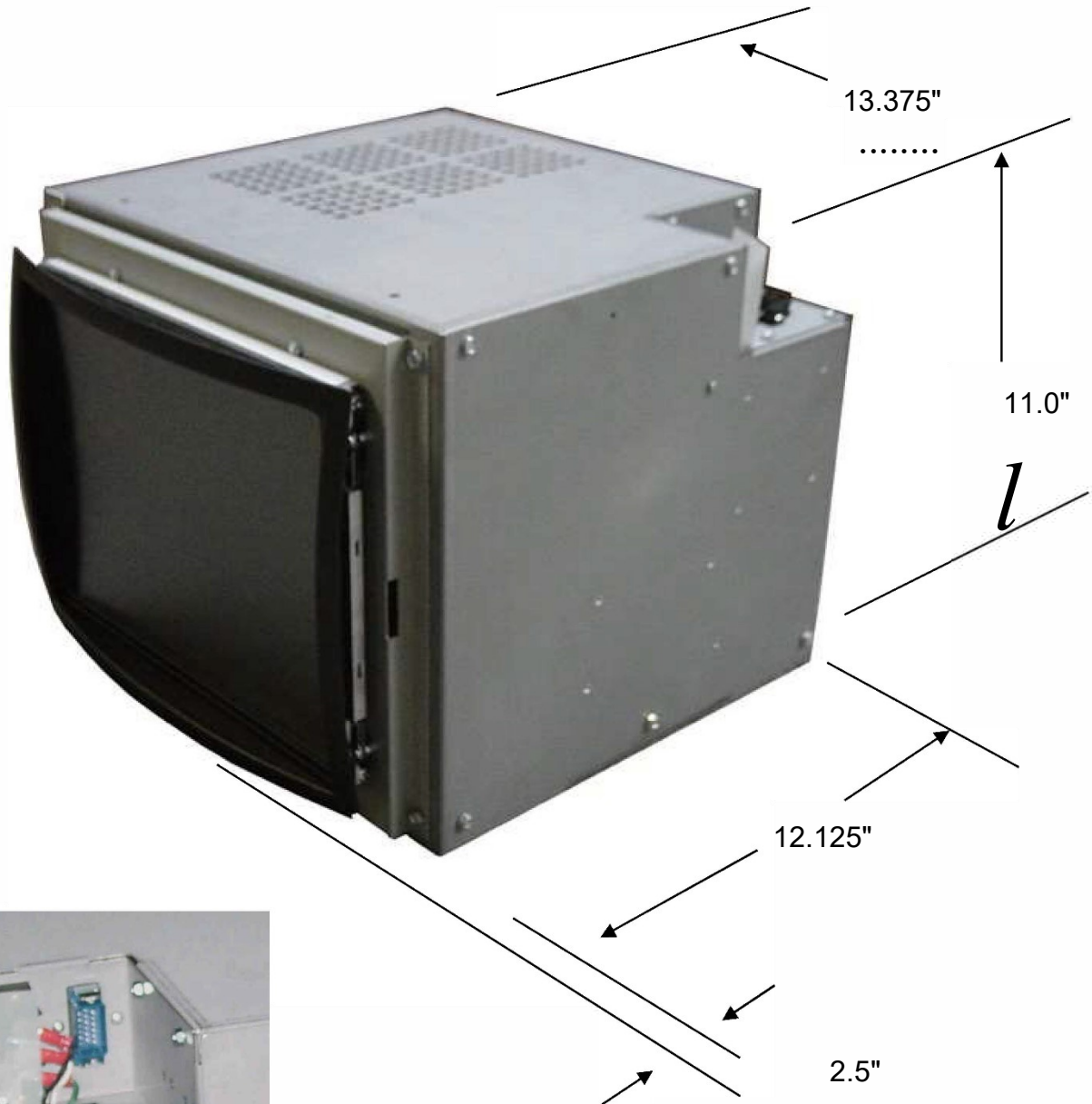
### Display Specification:

|                            |  |
|----------------------------|--|
| 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<br>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)<br>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<br>TTL        | Horizontal 25.399kHz and Vertical 55.456Hz<br>Thru 20 pin Honda Connector          |
| Power Input<br>AC          | 90VAC to 264VAC (47Hz to 63Hz)<br>Thru Barrier Strip or 3-Pin Bumpy Connector      |
| Temperature: Operating     | -30 to +85 degrees C   |
| Storage                    | -30 to +85 degrees C   |

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)

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



Mounted in rear:  
Signal and power input  
Connectors

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)

## Omni Vision signal & Power interface information

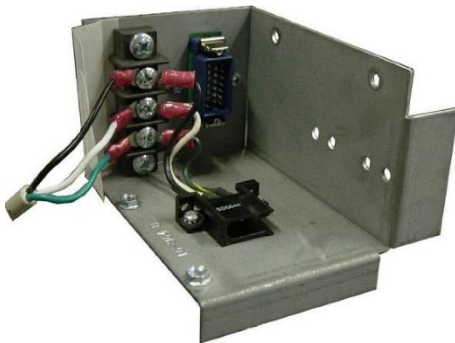
| Omni Vision Model # | Fanuc model #   |
|---------------------|-----------------|
| FP12B4G0-ZxA        | A61 L-0001-0074 |
| FP12B4G1-ZxA        | A61 L-0001-0074 |
| FP12B4G0-ZG         | A61 L-0001-0096 |
| FP12B4G1-ZG         | A61 L-0001-0096 |

### Includes-

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

## Photos of power and signal input connectors

**FP12B4Gx-ZxA**



**FP12B4G1-ZG**

