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12.1" LCD Industrial Monitor

14" Color CRT Replacement Monitor



Fanuc A61L-0001-0074

Model FP12B4G0-Z1A for General Fanuc Applications Model FP12B4G0-Z2A for Specific Amada / Fanuc Applications

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 controller model A61L-0001-0074. 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:

	Original 14" color CRT	New 12.1" color LCD
Diagonal	335 mm	310 mm
Usable viewing area	252 x 190 mm	246 x 184.5 mm
Dot pitch	0.28 mm	0.3075 x 0.3075 mm
CRT curvature	575 mm	0 mm (flat)
Max resolution	1024 x 768 @ 60 Hz	800 x 600 @ 60 Hz
Horizontal frequency	31 to 48 kHz	15.7 to 54 kHz
Vertical frequency	50 to 90 Hz	56 to 85 Hz
Brightness (full white)	32 FL (109 nits)	300 nits (87 FL)
Contrast ratio	Not defined	500:1

General Specification:

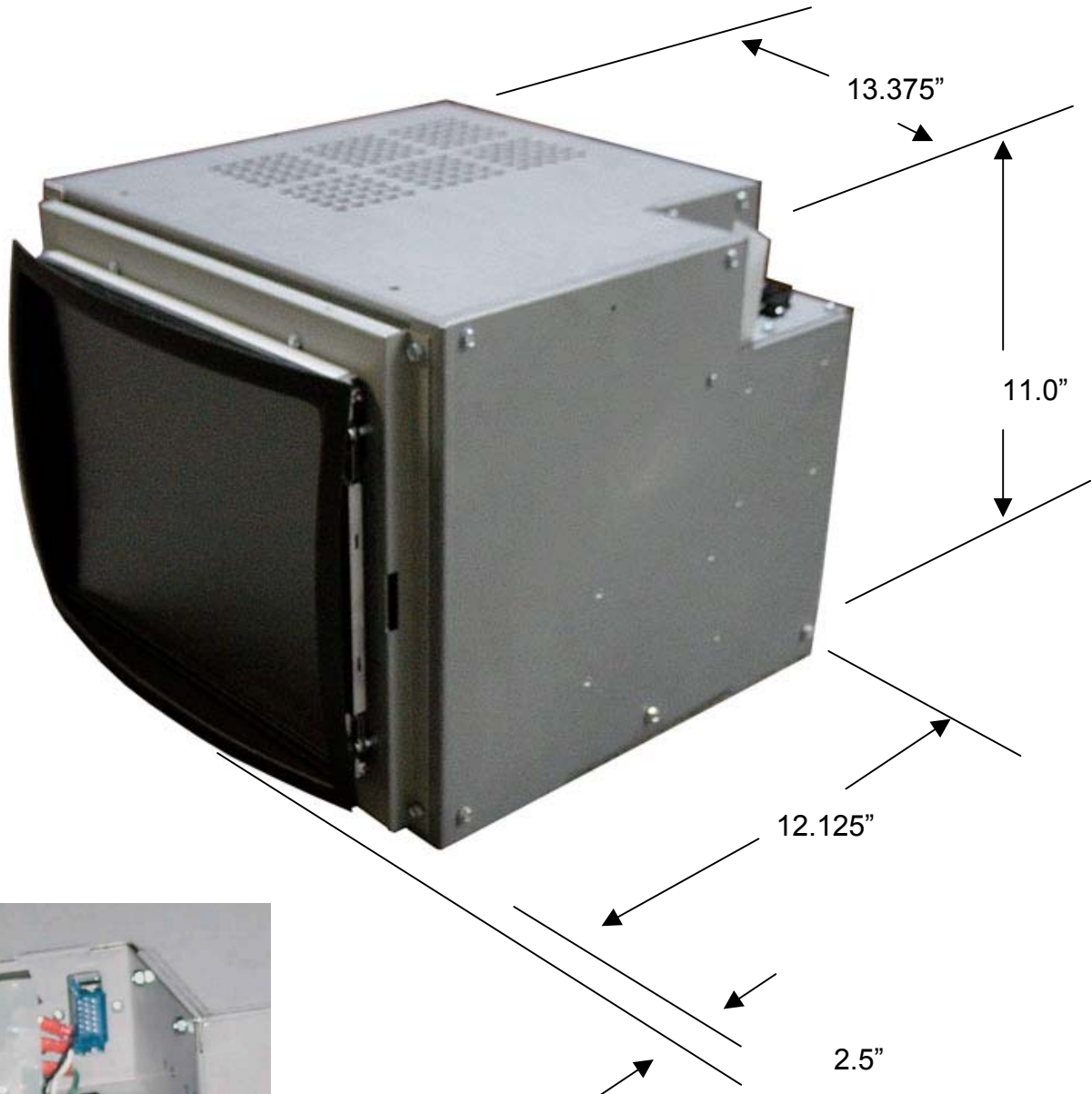
- Sturdy metal chassis with mounting holes equivalent to Omni Vision E14DC-ZA
- Plastic bezel with equivalent 14" color CRT radius of curvature
- Rear access user service controls of brightness, contrast, auto set up, etc
- Temperature - Operating from 0 to +55 degrees C
Storage from -20 to +65 degrees C
- Input Signal Connector - 20-pin Honda connector
- Input Power Connector - option - barrier strip or 3-pin Burndy 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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Model FP12B4G0-ZxA
12.1" color LCD replacement of 14" color CRT
Industrial chassis



Mounted in rear:
Signal and power input
Connectors