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12.1" LCD Industrial Monitor

14" Color CRT E144C-CB Rev xx Replacement Module

Model FP12B4G0-D2



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 it's 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 E144C-CB Rev xx.

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	31.5 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 E144C-CB
- 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 - standard analog VGA cable with 15 pin mini D-sub
- AC Power Range - 90 VAC to 264 VAC (47 Hz to 63 Hz)
- Agency Compliance - UL (UR, cUR) and CB - RoHS compliant

Front View



Rear View

