



Display Monitor Specialists since 1985

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8.4" LCD Industrial Monitor

10" Color CRT Replacement Monitor

Model FP08B4G0-xx



This Omni Vision 8.4" industrial LCD module drops into sturdy industrial 10" color CRT monitor open frame, metal chassis applications. It is designed to replace the 10" color CRT and its associated electronics while maintaining high-resolution image requirements of wide-angle viewing and bright light output. This module operates as a standard plug-n-play monitor in industrial equipment environment.

Display Specifications:

	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 Specifications:

- Sturdy metal chassis with mounting holes equivalent to 10" color CRT mounting hole pattern
- Plastic bezel with equivalent 10" color CRT radius of curvature
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear
- Temperature - Operating from 0 to +55 degrees C
Storage from -20 to +65 degrees C
- Input Signal Connector - 15 pin mini D-sub
- AC Power Range - 90 VAC to 264 VAC (47 Hz to 63 Hz)
- Agency Compliance - UL

Box Chassis version E103C-11 replacement is FP08B4G0-11
- for mechanical detail use drawing 94-300

Low Profile Chassis version E103C-21 replacement is FP08B4G0-21
- for mechanical detail use drawing 94-301