

Omni Vision Inc

2000 Bloomingdale Road
Units 245-250
Glendale Heights, IL 60139

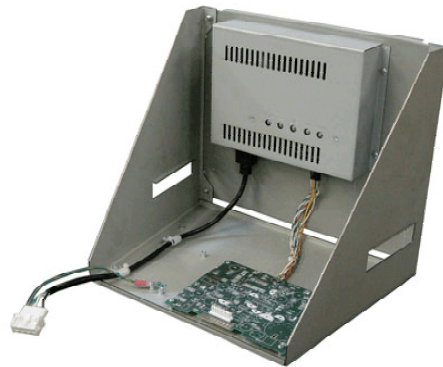
Display Monitor Specialist

Tel: 630-893-1720
FAX: 630-893-9991
Web: www.omnivisionusa.com
Email: info@omnivisionusa.com

Industrial TFT Color LCD Display Monitors
12.1" Chassis Version Model
Replacement for Omni Vision
LP1431PVN-xx model – VGA 14" monochrome CRT

Made in the USA

NTSC monitor	Model #	
AC version - no bezel	FP12B4G1-F6	Input: 110/220 VAC



FEATURES

- Same easy to mount open frame, metal chassis as LP1431PVN-PW monochrome CRT monitors
- NO Bezel to match CRT curvature
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear standard
- Data is displayed as black & white.
- Input signals – standard VGA (analog video, TTL sync signals)
- Input signal connector – standard 10-pin header (0.1 inch centers)
- Input power flexibility - AC power input from 100-240 VAC @ 47 to 63 Hz
- Input power connector – AMP Mate-n-Lock, 4-pin
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel attached to face of LCD panel.

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SPECIFICATIONS

Active Matrix	12.1" TFT color LCD (307.3 mm diagonal)
Usable Viewing Area (Size)	9.68" x 7.26" (246.0 x 184.5 mm)
Viewing Angle	Horizontal - right & left 70 degrees Vertical - upper 50 degrees & lower 60 degrees
Dot Pitch	0.3075 x 0.3075 mm
Max Resolution	800 x 600
Max Colors	16.2M/262K colors (262K - RGB 6-bit driver)
Response Time	Rise time - 10 millisec (typical) Fall time - 25 millisec (typical)
Horizontal Frequency	31.5 to 54 kHz
Vertical Frequency	56 to 85 Hz
Brightness (full white)	400 nits
Contrast Ratio	600:1
Input Signal	
VGA/SVGA models	31.4 kHz to 48 kHz @ 60 Hz thru standard analog 15-pin HD mini "D" sub connector
Power input	
DC voltage input	Standard +12 vdc @ 2 Amps with option to request models With other DC voltage ranging from 9 volts to 48 volts
AC voltage input	Standard 100-240 VAC auto ranging @ 47 to 63 Hz Thru standard IEC-320 connector or 3-wire AC power cord
Temperature	
Operating	-30 to +85 degrees C
Storage	-30 to +85 degrees C

Mechanical Details

	Model #	Drawing #
12" monochrome CRT – 0 degree tilt	FP12B4G1-F6	N/A