

Omni Vision Inc

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Unit B
Roselle, IL 60172



Display Monitor Specialist

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Industrial TFT Color LCD Display Monitors 6.5" Models for Replacement of 7" monochrome CRT Model number LP0715Gxx

COMPOSITE

COMPOSITE (Versions)	Model #	
DC Version – open frame with 7" monochrome CRT chassis	MN06A1G0-Gxx	Input: +12 vdc



FEATURES

- Standard chassis – mounts exactly in the 7" monochrome model number LP0715Gxx
- Power and signal applied through standard 7" monochrome CRT 10-pin card edge connector
- Standard video displayed is white characters on black background
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear standard
- Different models for different input signals – 15.7 kHz composite
- Input power flexibility - standard +12 vdc at 1.2 Amps
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel that prevents damage to LCD face

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ELECTRICAL & DISPLAY SPECIFICATIONS

Active Matrix	6.5" TFT color LCD (165.1 mm diagonal)
Usable Viewing Area (Size)	5.22" x 3.91" (132.5 x 99.4 mm)
Viewing Angle	Horizontal – right & left 80 degrees Vertical - upper & lower 70 degrees
Dot Pitch	0.207 x 0.207 mm
Max Resolution	640 x 480
Max Colors	16.2 M / 262K colors
Response Time	Rise time – 15 millisec (typical) Fall time – 10 millisec (typical)
Horizontal Frequency	15.7 to 22 kHz
Vertical Frequency	50 to 60 Hz
Brightness (full white)	800 nits
Contrast Ratio	600:1
Input Signal	
Composite	Special input thru standard 10-pin card edge or BNC connector
Temperature	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C

Mechanical Details

Composite model – DC version	Model #	Drawing #
Open frame chassis – Style “M”	MN06A1G0-Gxx	Drawing 94-008