

Omni Vision Inc

504 Congress Circle North
Unit B
Roselle, IL 60172

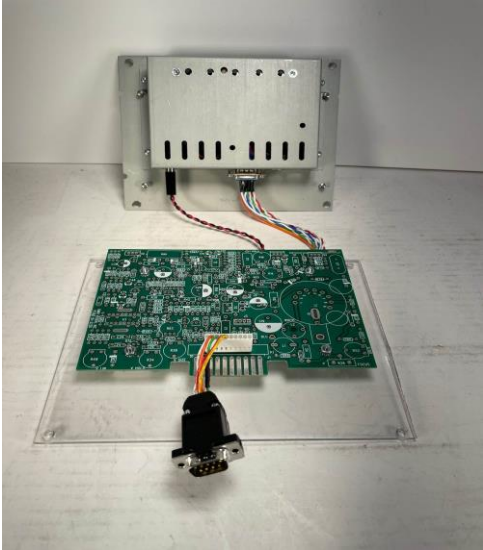

Display Monitor Specialist

Tel: 630-893-1720
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Web: www.omnivisionusa.com
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Industrial TFT Color LCD Display Monitors
6.5" Models for Replacement of 7" monochrome CRT
Model no. **LP0719AXQ**

Made in the USA

TTL	Model #	
DC Version – open frame	MN06A1G0-AXQ	Input: +12 vdc

	
	Kit version would include LCD module plus PCB for 10-pin card edge connection

FEATURES

- This kit version model – mounts exactly in the 7" monochrome chassis mounting hole pattern
- Power 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, phase, clock, horizontal and vertical size and position, auto set up, etc
- User service controls accessed in rear
- This model responds to special, unique input signal, but also responds to different input signals – 15.7 kHz TTL separate video and sync to 31.5 kHz VGA analog video and TTL separate sync
- Input power flexibility - standard +12 vdc at less than 1.0 Amps
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others

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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 millisecc (typical) Fall time – 10 millisecc (typical)
Horizontal Frequency	15.7 to 38 kHz
Vertical Frequency	50 to 60 Hz
Brightness (full white)	800 nits
Contrast Ratio	600:1
Input Signal	
TTL	Horizontal-19.439 kHz and Vertical-59.998 Hz Signal thru 9 pin D-sub-Male connector
Power	+12 vdc thru 10 pin card edge connectors
Temperature	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C



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