

# Omni Vision Inc

504 Congress Circle, North  
Unit B  
Roselle, IL 60172

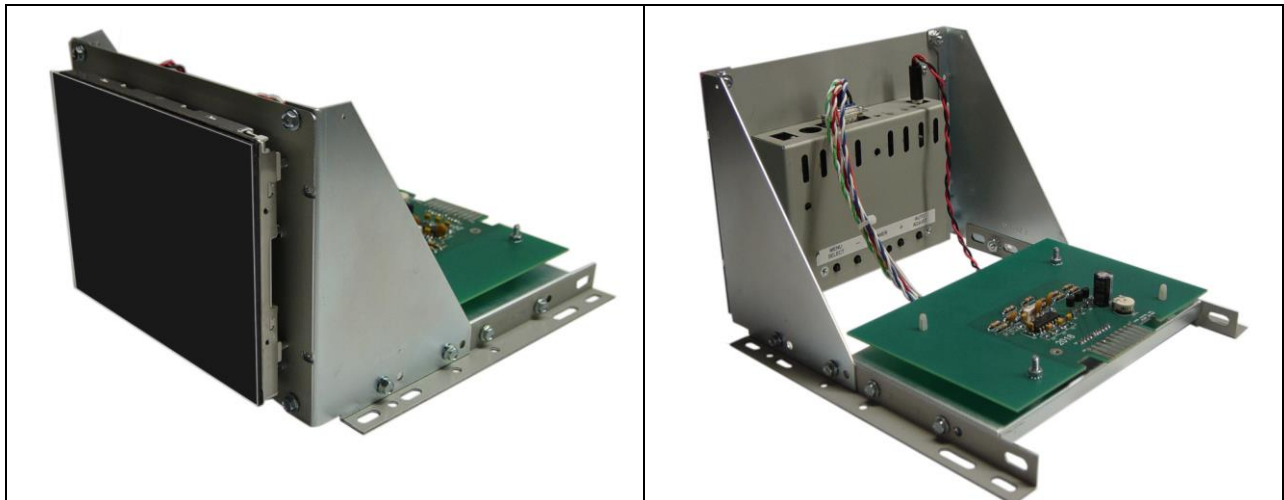
## Display Monitor Specialist

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

**Industrial TFT Color LCD Display Monitors**  
**6.5" Models for Replacement of 7" monochrome CRT**  
**Model number LP0715EZX-xx**

**Made in the USA**

TTL (versions)	Model #	
DC Version – open frame with 7" monochrome CRT chassis	MN06A1G0-EZU	Input: +12 vdc



## FEATURES

- Standard chassis – mounts exactly in the 7" monochrome model number LP0715EZUxx
- 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 TTL separate video and sync
- 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

# Omni Vision Inc

**504 Congress Circle, North  
Unit B  
Roselle, IL 60172**

## Display Monitor Specialist

Tel: 630-893-1720  
FAX: 630-893-9991  
Web: [www.omnivisionusa.com](http://www.omnivisionusa.com)  
Email: [info@omnivisionusa.com](mailto:info@omnivisionusa.com)

### ELECTRICAL & DISPLAY SPECIFICATIONS

<b>Active Matrix</b>	6.5" TFT color LCD (165.1 mm diagonal)
<b>Usable Viewing Area (Size)</b>	5.22" x 3.91" (132.5 x 99.4 mm)
<b>Viewing Angle</b>	Horizontal – right & left 80 degrees Vertical - upper & lower 70 degrees
<b>Dot Pitch</b>	0.207 x 0.207 mm
<b>Max Resolution</b>	640 x 480
<b>Max Colors</b>	16.2 M / 262K colors
<b>Response Time</b>	Rise time – 15 millisecc (typical) Fall time – 10 millisecc (typical)
<b>Horizontal Frequency</b>	15.7 to 38 kHz
<b>Vertical Frequency</b>	50 to 60 Hz
<b>Brightness (full white)</b>	800 nits
<b>Contrast Ratio</b>	600:1
<b>Input Signal</b>	
TTL signal	Special input thru standard 10-pin card edge connector
<b>Temperature</b>	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C

### Mechanical Details

<i>TTL model – DC version</i>	<b>Model #</b>	<b>Drawing #</b>
Open frame chassis – Style “M”	<b>MN06B1G0-EZU</b>	<b>Drawing 94-008</b>