

# Omni Vision Inc

504 Congress Circle N  
Unit B  
Roselle, IL 60172

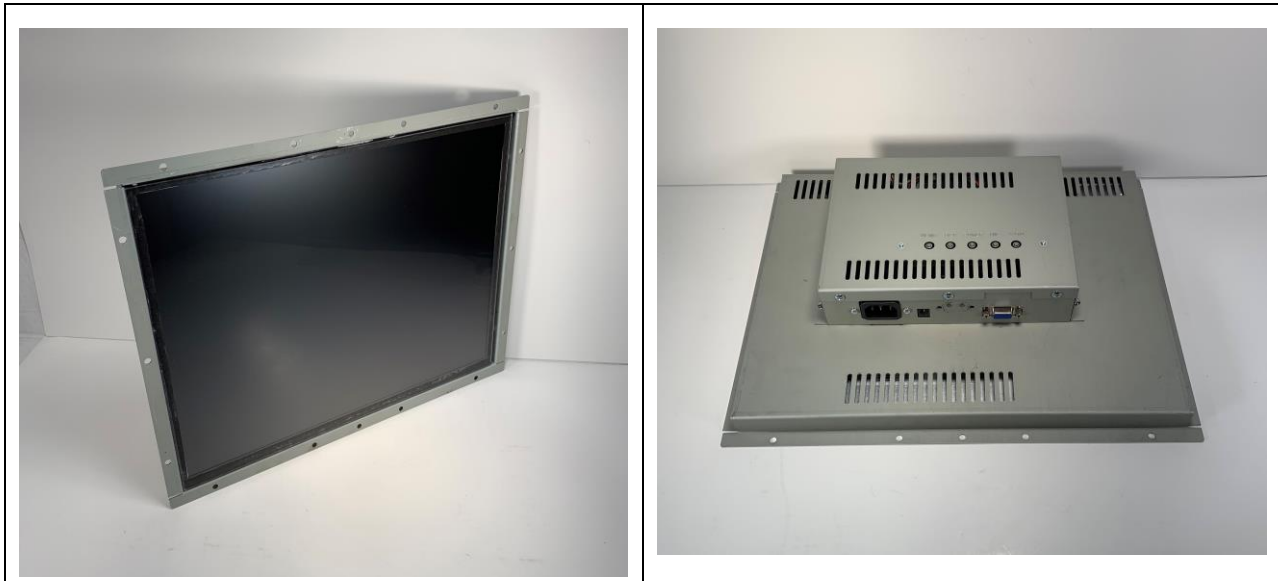
## Display Monitor Specialist

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

### Industrial TFT Color LCD Display Monitors 15" kit version models

**Made in the USA**

VGA	Model #	
DC Version- open frame	BZ15B1G1-XX---Series	<u>input</u> : + 12 vdc
AC Version- open frame	BZ15B4G1-XX---Series	<u>input</u> : 110/220 VAC
DC Version- with bezel	BZ15B1G1-B1---Series	<u>input</u> : +12 vdc
AC Version- with bezel	BZ15B4G1-B1---Series	<u>input</u> : 110/220 VAC



## FEATURES

- Easy to mount open frame, metal chassis (top & bottom flanges or side flanges)
- Optional-front mount bezel (panel mount ready) with option for [NEMA rated applications](#)
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear standard
- Different models for different input signals-VGA/SVGA /XGA
- Input power flexibility-standard +12 vdc at 2.0 Amps, other DC voltages or auto ranging AC power input from 100-240 VAC at 47-63 Hz.
- [RoHS compliant](#)
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective panel that prevents damage to LCD face

## ELECTRICAL & DISPLAY SPECIFICATIONS

# Omni Vision Inc

504 Congress Circle N  
Unit B  
Roselle, IL 60172

## Display Monitor Specialist

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

<b>Active Matrix</b>	15" TFT color LCD (381 mm diagonal)
<b>Usable Viewing Area (Size)</b>	11.97" x 8.98" (304.1 x 228.1 mm)
<b>Viewing Angle</b>	Horizontal – right & left 80 degrees Vertical - upper 60 degrees & lower 80 degrees
<b>Dot Pitch</b>	0.297x 0.297 mm
<b>Max Resolution</b>	1024 x 768
<b>Max Colors</b>	16.2M / 262K colors (262K-RGB 6-bit driver)
<b>Response Time</b>	Rise time – 5.7 millisecc (typical) Fall time – 2.3 millisecc (typical)
<b>Horizontal Frequency</b>	VGA mode 31.5 to 56 kHz at 60 Hz
<b>Vertical Frequency</b>	56 to 85 Hz
<b>Brightness (full white)</b>	400 nits
<b>Contrast Ratio</b>	700:1
<b>Input Signal</b>	
VGA / SVGA / XGA models	31.5 kHz to 56 kHz @ 60 Hz Thru standard analog 15 -pin HD mini "D" sub connector
<b>Power input</b>	Standard +12vdc @ 2 Amps with option to request models with Other DC voltages ranging from 9 volts to 48 volts
DC voltage input	
AC voltage input	Standard 100-240 VAC auto ranging @ 47 to 63 Hz thru Standard IEC-320 connector or 3-wire AC power cord
<b>Temperature</b>	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C

## Mechanical Details

<b>VGA/SVGA</b>	<b>Model #</b>	<b>Drawing #</b>
<b>Open frame – Flanges: All Sides</b>		
DC Version	<b>BZ15B1G1-01</b>	<b>Drawing 94-414</b>
AC Version	<b>BZ15B4G1-01</b>	<b>Drawing 94-414</b>
<b>Open frame – Flanges: Top/Bottom</b>		
DC Version	<b>BZ15B1G1-02</b>	<b>Drawing 94-414</b>
AC Version	<b>BZ15B4G1-02</b>	<b>Drawing 94 -414</b>
<b>Open frame – Flanges: Sides</b>		
DC Version	<b>BZ15B1G1-03</b>	
AC Version	<b>BZ15B4G1-03</b>	
<b>Bezel models (Panel Mount Ready)</b>		
DC Version	<b>BZ15B1G1-B1</b>	<b>Drawing 94-415</b>
AC Version	<b>BZ15B4G1-B1</b>	<b>Drawing 94-415</b>