

Omni Vision Inc

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

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 19" Enclosed Metal Cabinet Version Model

Made in the USA

VGA/SVGA/XGA/SXGA Model #		
DC Version	EC19D1G0-xx... Series	Input: +12 vdc
DC Version	EC19D2G0-xx... Series	Input: > +12 vdc
AC Version	EC19D4G0-xx... Series	Input: 110/220 VAC



Pictures are of special 12.1" unit with single VESA mount pattern.

FEATURES

- Easy to mount metal encased unit with multiple mounting options including side bracket, short & extended "U" wall or ceiling mount brackets, top or bottom plates for extended mounting arm or pole mounting applications, or standard rear panel 75 & 100 mm VESA pattern
- Option - customized NEMA rated versions available for unique 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/SXGA
- Input power flexibility - standard +12 vdc at 2.0 Amps, other DC voltages or auto ranging AC power input from 100-240 VAC @ 47 to 63 Hz
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective
- Options - resistive touch screens with RS232 or USB interface for Windows and other operating systems

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ELECTRICAL & DISPLAY SPECIFICATIONS

Active Matrix	19" TFT color LCD (483 mm diagonal)
Usable Viewing Area (Size)	14.8" x 11.8" (376.3 x 301.1 mm)
Viewing Angle	Horizontal - right & left 70 degrees Vertical - upper & lower 70 degrees
Dot Pitch	0.294 x 0.294 mm
Max Resolution	1280 x 1024
Max Colors	16.2M colors
Response Time	Rise time - 15 millisecc (typical) Fall time - 10 millisecc
Horizontal Frequency	31.5 to 80 kHz
Vertical Frequency	56 to 75 Hz
Brightness (full white)	250 nits
Contrast Ratio	500:1
Input Signal	
VGA/SVGA/XGA/SXGA	31.4 kHz to 80 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	-0 to +40 degrees C
Storage	-20 to +60 degrees C

Mechanical Details

Enclosed (encased)			
VGA/SVGA/XGA/SXGA models			
DC version (+12 vdc)	EC19D1G0-xx or -xxx	Drawing 94-xxx	
DC version (>+12 vdc)	EC19D2G0-xx or -xxx	Drawing 94-xxx	
AC version	EC19D4G0-xx or -xxx	Drawing 94-xxx	
	-xx & -xxx defined below		
	Enclosure Colors		
Mounting Options	Black	Beige	Gray
Standard VESA mount	BV	LV	GV
Plate for Extended Arm top/bottom mount	BP	LP	GP
Side Bracket mount	BS	LS	GS
Short "U" bracket mount	BUS	LUS	GUS
Extended "U" bracket mount	BUE	LUE	GUE