

Omni Vision Inc

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

Display Monitor Specialist

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Industrial TFT Color LCD Display Monitors 19" Chassis Version Models

Made in the USA

VGA/SVGA/XGA/SXGA	Model #	
DC Version - open frame chassis	FP19D1G0-xx... Series	Input: +12 vdc
AC Version - open frame chassis	FP19D4G0-xx... Series	Input: 110/220 VAC
DC Version - 19" rack mount	FP19D1G0-R1... Series	Input: +12 vdc
AC Version - 19" rack mount	FP19D4G0-R1... Series	Input: 110/220 VAC
DC Version - with bezel	Not Available	
AC Version - with bezel	GT19D4-xx... Series	Input: 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
- Optional - rack mount (standard 19" rack panel)
- 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
- Signal input type - analog VGA or DVI
- 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
DVI	31.4 kHz to 80 kHz @ 60 Hz - thru standard DVI-D 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

VGA/SVGA/XGA/SXGA models		
Open frame - top/bottom/side flanges		
DC version	FP19D1G0-01	Drawing 94-309
AC version	FP19D4G0-01	Drawing 94-309
Rack Mount (standard 19" panel)		
DC version	FP19D1G0-R1	Drawing 94-310
AC version	FP19D4G0-R1	Drawing 94-310
Bezel model (NEMA panel mount ready)		
AC version	GT19D4-xx	Drawing 94-422