

**17" Industrial Grade Tabletop LCD Display - Metal Enclosure**  
**QES1517 Table Top Series - Industrial LCD Flat Panels**

Industrial Panels has developed a 17 in Industrial Desktop LCD Monitor able to withstand the harsh environments commonly present with industrial display applications. This Desktop Industrial Flat Panel Display is a rugged, high performance Active Matrix Color TFT LCD monitor, intended for demanding applications that require a high quality Industrial LCD Display. These Metal Enclosure Industrial Grade LCD Monitors are designed from the ground up to be compatible, flexible and adaptable as CRT Replacement monitors for any Industrial Computer Display requirement.



This Industrial Tabletop LCD Display accepts a variety of legacy signal formats including older RS-170 and RS-343 composite video sync-on-green (SOG) signal formats up to SXGA resolutions. For other legacy or replacement applications, this 17 in Tabletop LCD display can be configured for compatibility with CGA/EGA/MDA and virtually any sub VGA signal, analog or digital.

Options include: TTL Video Input; Single or Differential, Enhanced Sunlight Readable Glass, Anti-Reflected Tempered Glass, RGB Sync on Green (SOG) operation, various Touch Screen technologies and many others. Our industrial LCD monitors are designed for industrial display applications such as manufacturing, financial, transportation and other severe environments requiring Rugged Tabletop Industrial Monitors with bright, crisp images. So, if you require a tough, versatile, high quality display, please contact our display experts to find out more

**Features:**

- 17" SXGA High Brite Color TFT LCD with Solid State LED Backlight Module
- High Brightness TFT LCD – 350 Nits
- High Contrast – 1000:1 Typical
- Bonded Anti-Reflective Protective Faceplate Glass for Superior Optical Performance and Better Protection
- 15.75 to 100 KHz - Designed for Slow Scan Signals
- 5 BNC - RGB Sync On Green, RGB Separate Composite Sync or RGB Separate Sync
- Analog RGB Sync-On Green Capable
- VGA HD-15D-Sub. Standard VESA Input Timings
- RCA (NTSC / PAL) and 5 Pin Mini Din (S-video)
- Specially designed for Slow Scan Signals
- Picture-In-Picture (PIP)
- Picture-Outside-Picture (POP)
- Front Controls
- Heavy Duty Aluminum Front Bezel
- Heavy Duty Cold Roll Steel Chassis

- Internal Ruggedized Construction
- VESA 100 Standard Mounting
- Universal Power Supply with VESA Power Management

**Options:**

- Conformal Coating of Internal Circuit Boards for enhanced ruggedization
- High Brightness TFT LCD Option – 1,500 Nits
- Manual Dimming Control
- Front Manual Full Range Brightness and Contrast Control
- Timings. Aspect Ratio: 1:1 or 4:3 (OSD Selection)
- Differential Video Input for Enhanced Noise Immunity
- RS170 - RS343 Video Input Option
- CGA, EGA, MDA and all VESA STD up to SXGA
- Sun Light Readable
- Touch Screen: Resistive, Capacitive and SAW
- Wireless Remote Control

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Size/Technology	17" TFT Active Matrix LCD – LED Backlight
Active Area	337.92 mm x 270.33 mm
Back Light	LED / 50,000 Hours
Viewing Angle (H/V)	170°/160°
Contrast Ratio	1000:1 Typical
Brightness	350 cd/m <sup>2</sup> Typical
Response Time	3.5 mSec Typical
Colors	16.7 Million
Supported Video Formats	Up to 1280 x 1024 @ 60 and 75 Hz - Optimal Native Resolution Legacy Products 15 to 100KHz Horizontal Freq.
Input Signals	Video: 0.7 Vpp @ 75 Ohms Sync: Separate or Composite Sync TTL Level; Sync on Green Video (SOG) 0.7 Vpp-Sync 0.3 Vpp Horizontal: 15 to 100KHz; Vertical 50 to 75 Hz
External Connectors	HD15 D-Sub, Digital DVI, AC Input. – Standard Conf.
Power Requirements	100-240VAC 50-60Hz or +12VDC @ 3.3A
Environmental Temperature: Operating Storage Altitude: Operating Storage	0° to 50°C @ 10-90% R.H. -20° to 60°C @ 10-90% R.H. 0 to 10,000 ft 0-30,000 ft
Dimensions	See Outline Drawing #0014142
Mounting	Table Top or VESA 100
Bezel Finish	Aluminum - Black Epoxy Powder Paint with Wrinkle Finish
Construction	Ruggedized for Industrial Applications
Weight	20 Lb. – With Tilt & Swivel
Warranty	Two Year Limited Warranty
Options	Conformal Coating of Internal Circuit Boards for enhanced ruggedization High Brightness TFT LCD Option – 1,500 Nits Manual Dimming Control Differential Video Input for Enhanced Noise Immunity RS170 - RS343 Video Input Option CGA, EGA, MDA and all VESA STD up SXGA Sun Light Readable Touch Screen: Resistive, Capacitive and SAW Wireless Remote Control Timings. Aspect Ratio: 1:1 or 4:3 (OSD Selection)