

## ***19" Industrial Rack LCD Mount Displays***

### ***QES1519 Series***

#### **Introduction:**

Dynamic Displays offers a **19 inch Rack Mount LCD Displays**. This is a **rugged rack display screen** with a high performance 19 inch Active Matrix Color TFT LCD, designed for those demanding applications that required a high quality **19" industrial rack mount display** capable of VGA through SXGA resolutions. This premium display accepts a variety of signal formats, enabling it to work in most modern industrial environments. For legacy or **replacement industrial monitors**, this LCD display can be configured to accept a wide variety of sub-VGA formats. Other options include: **touch screen**, enhanced **sunlight readable display**, front touch controls, or vandal shield. Designed for industrial, manufacturing, financial, transportation and other severe environments with requirement for crisp **high bright** panel. We offer custom design products to best fit your specific **rugged rack display screen** requirements. If the standard configuration does not fit your exact application, Dynamic Displays is willing to create a **custom monitor** that would fit your need.



#### **Features:**

- 19" SXGA Color TFT LCD Display
- 15.75 to 68KHz Legacy Timings
- TTL Input Option for EGA, CGA and MDA Monitors
- High Bright TFT LCD – 250 Nits
- High Contrast – 600:1 Typical
- Heavy Duty Aluminum Front Panel
- Heavy Duty Cold Roll Steel Chassis
- Strengthened Anti-Reflective Protective Faceplate
- Universal Video Input Option
- Analog RGB Sync On Green Capable
- 5 BNC Input (RGB)
- Standard 19 inch rack mount chassis Dimensions
- Strengthened Glass Protection Option
- Touch Screen: Resistive, Capacitive and SAW option
- Sun Light Readable Option

## ***QES1519- Industrial Rack Mount Series Specifications***

Size/Technology	19" TFT Active Matrix LCD
Viewing Area	376.3 mm x 301.1 mm
Pixel Pitch	0.294 mm x 0.294 mm
Back Light	50,000 Hours Typical
Viewing Angle (h/v)	140°/130°
Contrast Ratio	600:1 Typical
Brightness (typ)	250 cd/m <sup>2</sup>
Response Time	12 mSec Typical
Colors	16.2 Million – (6 Bits + FRC)
Supported Video Formats	640 x 480 @ 60/72/75Hz 720 x 400 @ 70Hz 800 x 600 @ 56/60/72/75Hz 1024 x 768 @ 60/70/75Hz 1280 x 1024 @ 60/75/85 – Native Resolution Legacy Products 15 to 68KHz Horizontal Freq.
Input Signals	Video: 0.7Vpp @ 75 Ohms Sync: Separate or Composite Sync TTL Level; Sync on Green Video (Positive) 0.7Vpp-Sync (negative) 0.3Vpp Horizontal: 15 to 68KHz; Vertical 50 to 75Hz
Input Interface	HD15 (VGA Analog) - DVI-D
External Connectors	Analog HD15 D-Sub Input; Digital DVI Input:: DC Input.
Power Requirements	100-240VAC 50-60Hz or +12VDC @ 4A
Approvals	FCC, CE, UL
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 0-40,000 ft
Dimensions	15.72" (H) x 19.0" (W) x 3.5" (D)
Mounting	EIA RS310 D – 9 Units (19" Rack Mount)
Bezel Finish	Black Powder Coat – Wrinkle Texture – Standard
Construction	Heavy Duty Stainless Steel and Aluminum Alloy Front Panel
Weight	20 Lb.
Warranty	Two Year Limited Warranty
Options	Touch Screen: Resistive, Capacitive and SAW Screen Protection from Impact - Strengthened Glass Front Remote Controls Sunlight Readable RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional 5 BNC Input (RGB) TTL Video Input Option for EGA, CGA and MDA Tilt and Swivel Base