

QES1519 Series *19" Industrial Table Top Display*

Introduction:

This **QES1519 Series** of 19" displays are ground up designed for demanding industrial applications and process control environments. This industrial Table Top mount displays are rugged, high performance, 19 inch Active Matrix Color TFT LCD monitors intended for those demanding applications that required a high quality desktop mount display capable of Sub-VGA through SXGA resolutions. These premium displays accept a variety of signal formats, enabling them to work in most modern industrial environments. For legacy or replacement applications, these LCD displays can be configured to accept a wide variety of sub-VGA formats.

Other options include: touch screen, enhanced sunlight readable, front touch controls, vandal shield. Designed for industrial, manufacturing, financial, transportation and other severe environments with requirement for bright, crisp images. We offer custom design products to best fit your specific Wall or Arm mount display.



Features:

- Specially designed for Slow Scan Signals
- 15.75 to 68KHz Legacy Timings
- 19" SXGA Color TFT LCD Display
- High Brightness TFT LCD – 250 Nits
- High Contrast – 600:1 Typical
- Internal Ruggedization Construction
- VESA 75/100 Standard Mounting
- Anti-Reflective Protective Faceplate
- Analog RGB Sync On Green Capable
- CGA, EGA, MDA and all VESA STD up SXGA
- Universal Video Input Option

QES1519 - Table Top 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 ²
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 – 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 56 to 85Hz
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
Mechanical Configuration	Table Top or desk Top
Dimensions	16" (H) x 17" (W) x 2.5" (D) or 6" (D) with Tilt & Swivel
Mounting	Table Top or VESA 75/100
Bezel Finish	Plastic
Construction	Ruggedized for Industrial Applications
Weight	20 Lb.
Warranty	Two Year Limited Warranty
Options	Universal Video Input Option RS170 - RS343 Video Input Option 5 BNC Input (RGB) Option RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional TTL Video Input Option for EGA, CGA and MDA Sunlight Readable