

## *17" Open Frame Monitor* *QES1517 - Series*

### Introduction:

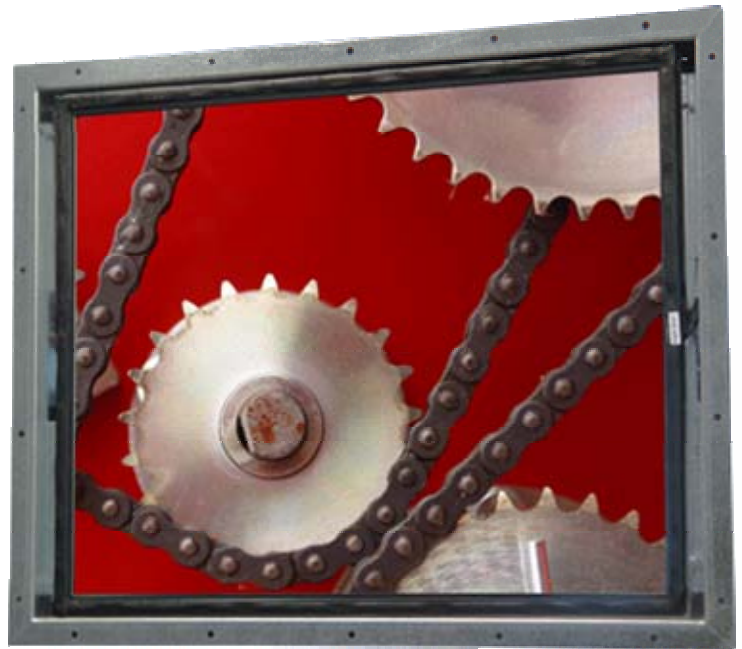
The QES1517 17" Open Frame Monitor series are rugged, high performance Industrial LCD Monitors, designed for commercial and industrial applications such as kiosks, arcade games, ATM Machines, aviation simulators, industrial equipment, and instrumentation equipment.

This 17" Industrial LCD Monitor features a native resolution of 1280 x 1024, contrast ratio of 500:1, brightness of 420cd/m<sup>2</sup> and displays 16.2M colors. Also, its 15KHz through 68KHz operation and optional CGA & EGA TTL video capability, makes this 17" Industrial LCD Monitor an excellent choice for many industrial process control environments and legacy applications. Other standard features include multi-languages on-screen display, DDC1/2B Plug and Play, and wide viewing angle.

The QES1517 Series 17" Open Frame Display uses an Active Matrix COLOR LCD designed to fulfil many legacy 17" CRT Monitor applications. Its multi-frequency plug & play capability enables this versatile 17" Open Frame Display to interface with a wide variety of video formats for easy replacement for your legacy 17" CRT Monitor.

### Features:

- 17 inch SXGA Color TFT LCD Module
- 15.75 to 68KHz Legacy Timings
- Analog RGB Sync On Green Capable
- RS170 and RS343 Video Input Option
- TTL Input Option for EGA, CGA and MDA
- 3/4/5 Wire BNC Inputs Option
- Anti-Reflective Protective Faceplate Option
- Universal Video Input
- High Contrast – 500:1 Typical
- Strengthened Glass Protection Option
- Sun Light Readable Option
- Touch Screen: Resistive, Capacitive and SAW option



# *17" Open Frame Monitor*

## *QES1517 Series*

Size/Technology	17 inch SXGA Color TFT LCD Module
Image Size	337.92 mm x 270.33 mm
Pixel Pitch	0.264 mm x 0.264 mm
Back Light	50,000 Hours Typical
Viewing Angle (h/v)	70°(R) - 70°(L) / 80°(U)- 80°(L)
Contrast Ratio	500:1 Typical
Brightness (typ)	420 cd/m <sup>2</sup>
Response Time (typ)	8 mSec Rising – 8 mSec Falling
Colors	16M Colors – (RGB 6-bit + FRC data)
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	Input Signals and AC Power Input
Power Requirements	100-240VAC 50-60Hz @ 1Amp
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	Open Frame
Dimensions	16 ¼ (W) x 13"(H) x 3" (D)
Mounting	6-32's Screws (4)
Construction	Heavy Duty Stainless Steel
Weight	10 Lb.
Warranty	Two Year Limited Warranty
Options	Universal Video Input Option Touch Screen: Resistive, Capacitive and SAW Screen Protection from Impact - Strengthened Glass Sunlight Readable RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional TTL Video Input Option for EGA, CGA and MDA

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