15" Industrial Flat Panel - LCD Tabletop Monitor
QES1515 Series

Introduction:

This **Industrial LCD flat Panel Display** was designed for demanding industrial application and process control environments. They are **rugged flat panel displays** with a high performance, 15 inch Active Matrix Color TFT **industrial LCD**. They are intended for those demanding applications that require a high quality desktop, yet **rugged display**, capable of Sub-VGA through SXGA resolutions. These premium **industrial flat panel monitors** accept a variety of signal formats, enabling them to function in most modern industrial environments. For legacy or replacement applications, these **industrial LCD monitors** can be configured to accept a wide variety of sub-VGA formants. Other options include: enhanced sunlight readable panels, front touch controls and custom programming for rare signal formats. If your old **industrial monitors** are in need of replacement, please contact our display experts to find out more about our **industrial flat panel display** products.

Features:

- Specially designed for Slow Scan Signals

- 15.75 to 68KHz Legacy Timings

- 15" XGA Color TFT LCD Display

- High Contrast – 400:1 Typical

- VESA 100 Standard Mounting

- Analog RGB Sync On Green Capable

- 3/4/5 Wire BNC Inputs Option

- RS170 - RS343 Video Input Option

- TTL Video Input Option for EGA, CGA and MDA

- Universal Video Input Option

Shown with Universal Video Input Option

QES1515 - Table Top Mount Series Specifications

Size/Technology	15" TFT Active Matrix LCD
Viewing Area	304.128 mm x 228.096 mm
Pixel Pitch	0.297 mm x 0.297 mm
Back Light	50,000 Hours Typical
Viewing Angle (h/v)	60° (Left), 60° (Right) / 40° (Up), 60° (Down)
Contrast Ratio	400:1 Typical
Brightness (typ)	250 cd/m^2
Response Time	16 mSec Typical (Tr + Tf)
Colors	262K – (6 Bits for R, G, B)
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– 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 Desktop
Dimensions	13" (H) x 13.6" (W) x 2..25" (D) or 7" (D) with Tilt & Swivel
Mounting	Table Top or VESA 100
Bezel Finish	Plastic
Construction	Ruggedized for Industrial Applications
Weight	7 Lb.
Warranty	Two Year Limited Warranty
Options	Universal Video 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