

14.1" Open Frame Monitor ***QES1514 - Series***

Introduction:

The **14.1" Open Frame LCD Monitor** is a rugged, high performance **Industrial LCD Monitor**, designed for commercial and industrial applications, such as CNC machine tools, kiosks, arcade games, ATM Machines, aviation simulators, industrial equipment, and instrumentation equipment.

This **14.1" Industrial LCD Monitor** features a resolution of 1024 x 768, contrast ratio of 300:1, brightness of 200cd/m² and 262,144 display colors. It's 15KHz through 68KHz operation and optional CGA, EGA & MDA TTL video capability makes this **14.1" Industrial LCD Monitor** an excellent choice for many industrial process control environments and legacy applications.

This **14.1" Open Frame LCD Display** uses an Active Matrix COLOR LCD designed to fulfil many **14" CRT Monitor** applications. Its multi-frequency plug & play capability enables this versatile **14.1" LCD Display** to interface with a wide variety of video formats for easy replacement for your legacy **14" CRT Monitor**.

With 15KHz through 68KHz operation, this unit displays high quality, high resolution color images from VGA thru XGA resolutions. Standard features such as multi-language on-screen display, DDC1/2B Plug and Play, and wide viewing angle capability make this versatile LCD monitor a good choice for your industrial legacy display systems.



Features:

- 14.1 inch XGA Color TFT LCD Module
 - Analog RGB Sync On Green Capable
 - 15.75 to 68KHz Legacy Timings
 - TTL Input Option for EGA, CGA and MDA
 - RS170 - RS343 Video Input Option
 - 3/4/5 Wire BNC Inputs Option
 - Universal Video Input Option
 - Sun Light Readable Option
 - Heavy Duty Cold Roll Steel Chassis
 - Strengthened Anti-Reflective Protective Faceplate
- Touch Screen: Resistive, Capacitive and SAW option

14.1" Open Frame Monitor

QES1514-Series

Size/Technology	14.1 inch XGA Color TFT LCD Module
Image Size	285.7 mm x 214.3 mm
Pixel Pitch	0.279 mm x 0.279 mm
Back Light	50,000 Hours Typical
Viewing Angle (h/v)	40°(R) - 40°(L) / 10°(U)- 30°(L)
Contrast Ratio	300:1 Typical
Brightness (typ)	200 cd/m ²
Response Time (typ)	25 mSec
Colors	262K Colors – 6 Bits
Supported Video Formats	640 x 400 @ 85Hz 640 x 480 @ 60/72/75/85Hz 720 x 400 @ 70/85Hz 800 x 600 @ 56/60/72/75/85Hz 1024 x 768 @ 60/70/75/85Hz - 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)
External Connectors	Analog HD15 D-Sub Input; DC Input.
Power Requirements	100-240VAC 50-60Hz @ 1Amp
Approvals	FCC, CE, UL
Environmental	
Temperature: Operating	-10° to 65°C @ 10-90% R.H.
Storage	-30° to 70°C @ 10-90% R.H.
Altitude: Operating	0 to 10,000 ft
Storage	0-40,000 ft
Mechanical Configuration	Open Frame
Dimensions	10.43" (H) x 13.53" (W) x 1.78"(D)
Construction	Heavy Duty Stainless Steel
Weight	5 Lb.
Warranty	Two Year Limited Warranty
Options	Universal Video Input Touch Screen: Resistive, Capacitive and SAW Screen Protection from Impact – Strengthened Glass RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional TTL Video Input Option for EGA, CGA and MDA 5 BNC Input (RGB) Sunlight Readable