

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 100Khz 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 fulfill 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 15 kHz through 100 kHz 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 100 kHz 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 100KHz 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 100KHz; 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 Storage Altitude: Operating Storage	-10° to 65°C @ 10-90% R.H. -30° to 70°C @ 10-90% R.H. 0 to 10,000 ft 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 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