

14.1" Open Frame Monitor Replacement Kit QES1514 – 011 Series

Introduction:

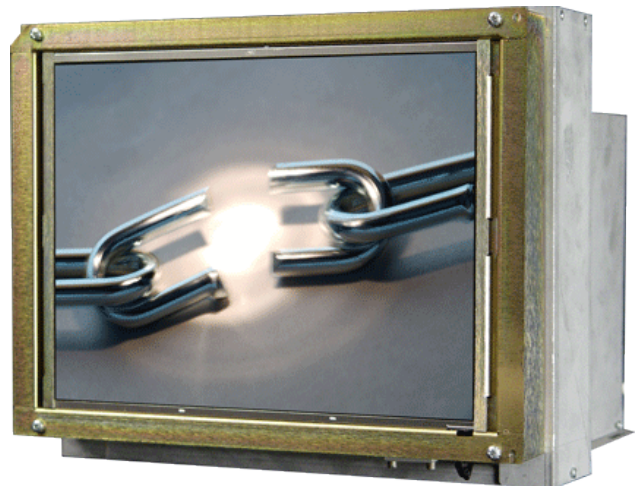
This **14.1" Open Frame Monitor** uses an Active Matrix Color LCD designed to fulfil many **14" CRT Monitor** applications. Its rugged steel chassis is designed to drop into the mounting holes of the original **14" CRT Monitor**. Its multi-frequency plug & play capability enables this versatile **14.1" Open Frame Display** to interface with a wide variety of video formats for easy replacement for your legacy **14" CRT Monitor**.

Our **14.1" Industrial LCD Monitor** has been designed specifically to replace legacy **14" CRT Monitor**. This **14.1" LCD Display** is a high performance **Industrial Flat Panel Display**, designed for commercial and industrial applications such as replacement for CNC Terminal Monitor, ATM Machines, and aviation simulators.

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
- Drop directly into the mounting holes of the a 14" CRT Monitor
- 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
- Sun Light Readable Option
- Heavy Duty Cold Roll Steel Chassis
- Strengthen Anti-Reflective Protective Faceplate
- Touch Screen: Resistive, Capacitive and SAW option
- Universal Video Input Option



Chassis Provided by Customer

14.1" Open Frame Monitor Replacement Kit

QES1514-011 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 2.3"(D) Kit Only
Mounting	6-32's Screws (4)
Construction	Heavy Duty Stainless Steel
Weight	5 Lb.
Warranty	Two Year Limited Warranty
Options	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 Universal Video Input Sunlight Readable



Side View of a 14.1" LCD
Open Frame Monitor
Mounted on 14" CRT
Chassis. Chassis Provided
by Customer

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