

## *15 In Open Frame LCD Monitor Slow Scan LCD Chassis Mount Display*

### Introduction:

The QES1515 15 inch Open Frame LCD Monitor is a versatile high bright display designed for commercial, retail, hospitality and security applications where an Industrial LCD monitor is required.

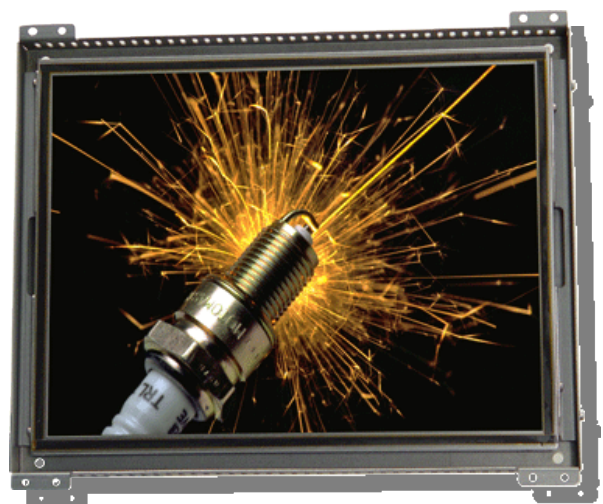
Typical applications for Open Frame LCD display monitors are vending machines, kiosks, arcade games, ATM machines, and any number of commercial and military applications.

Our Open Frame LCD Display comes with an extremely versatile open-frame chassis that can be used for special mounting applications, especially in kiosk and industrial PC areas. The Industrial Open Frame LCD display has the option of Capacitive, Resistive or SAW touch screen with USB or Serial interface. With all its features, it is designed to give the integrators and OEMs a reliable Industrial LCD monitor.

This 15" Chassis Mount Industrial LCD Monitor uses an Active Matrix Color LCD designed to fulfill many 15" CRT Monitor applications. Its rugged, steel chassis is designed to drop into the mounting holes of the original 15" CRT Monitor. Its multi-frequency plug & play capability enables this versatile 15" Open Frame Display to interface with a wide variety of video formats for easy replacement for your legacy 15" CRT Monitor

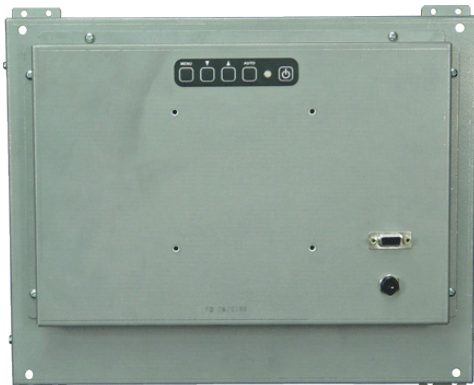
### Features:

- 15" XGA Color TFT-LCD Module
- High Contrast – 400:1 Typical
- 15.75 to 68KHz Legacy Timings
- 3/4/5 Wire BNC Inputs Option
- 5 BNC Input (RGB)
- Analog RGB Sync On Green Capable
- Anti-Reflective Protective Faceplate Option
- CGA, EGA, MDA Capable
- Heavy Duty Cold Roll Steel Chassis
- RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional
- RS170 - RS343 Video Input Option
- Strengthened Glass Protection Option
- Touch Screen: Resistive, Capacitive and SAW option
- TTL Input Option for EGA, CGA and MDA Timings
- Universal Power Supply with VESA Power Management
- VESA 100 Standard Mounting



## *QES1515 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 (Typical)	50,000 Hours
Viewing Angle (H/V)	60° (Left), 60° (Right) / 40° (Up), 60° (Down)
Contrast Ratio (Typical)	400:1
Brightness (Typical)	250 cd/m <sup>2</sup>
Response Time (Typical)	16 mSec (Tr + Tf)
Colors	262K – (6 Bits for R, G, B)
Supported Video Formats	EGA, CGA & MDA 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	Open Frame Chassis
Dimensions	11.00" (H) x 13.88" (W) x 2.37" (D)
Mounting	Drop directly into the mounting holes of the a 15" CRT Monitor 6-32's Screws (4), or VESA 100
Construction	Ruggedized for Industrial Applications
Weight	7 Lb.
Warranty	Two Year Limited Warranty



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