

QES1524 Series 24" Industrial Widescreen Monitors

The QES1524 Series of 24-inch Desktop/wall-mount widescreen monitors with 1920 x 1200 (WUXGA) native resolution and wide viewing angle are uniquely well suited for industrial, government, and commercial interactive digital signage installations and those applications demanding large, rugged, wide-screen display monitors for enclosed or light restricted areas.

The QES1524 series can be fitted with a rugged, anti-reflective polycarbonate protective faceplate for rugged NEMA requirements or an

ELO compatible SAW touch screen (surface acoustic wave) capability for interactive digital signage touch monitor applications. The SAW touch screen option comes with USB and RS232 interfaces.



The QES1524 family of widescreen monitors are thin and lightweight enough to sit beautifully on your desk, yet rugged enough to be wall mounted in your harshest industrial wide-screen display application. For added versatility, they can be mounted in portrait mode as well and custom bezel configurations are also available on request.

Features:

- 15.75 to 68 KHz Legacy Timings
- High Contrast – 800:1 Typical
- High Brightness TFT LCD – 400 Nits
- VESA 100 Standard Mounting
- Universal Power Supply with VESA Power Management
- Heavy Duty Aluminum Front Panel
- Heavy Duty Cold Roll Steel Chassis
- Anti-Reflective Protective Faceplate Option
- 3/4/5 Wire BNC Inputs Option
- RS170 - RS343 Video Input Option
- RCA (NTSC/PAL) and 5 Pin Mini Din (S-video) Optional
- Screen Protection from Impact - Strength Glass
- Tilt and Swivel Base Option
- Touch Screen: SAW Option
- TTL Video Input for EGA, CGA and MDA Option



QES1524 Series Specifications

Size/Technology	24.0" WUXGA Color TFT-LCD
Viewing Area	518.4 (H) mm x 324 (V) mm
Pixel Pitch	0.270 mm x 0.270 mm
Back Light	50,000 Hours Typical
Viewing Angle (H/V, Typical)	89° (Left), 89° (Right) / 89° (Up), 89° (Down) @ CR = 10
Contrast Ratio (Typical)	800:1
Brightness (Typical)	400 cd/m ² @ I _L = 6 mA 360 cd/m ² @ I _L = 6 mA with IntelliTouch SAW Touch Screen
Response Time	5 mSec Typical, on/off; 6 mSec Average
Colors	16.7M Colors (RGB 6-Bit + Hi_FRC)
Supported Video Formats	640 x 480 @ 60, 72 and 75 Hz 720 x 400 @ 70 Hz 800 x 600 @ 56, 60, 72 and 75 Hz 1024 x 768 @ 60, 70 and 75 Hz 1152 x 864 @ 75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60 and 75 Hz 1600 x 1200 @ 60, 65, 70 and 75Hz 1920 x 1200 @ 60 and 75Hz Hz– Optimal Native Resolution Legacy Products 15 to 68KHz Horizontal Freq.
Input Signals	Video: 0.7 Vpp @ 75 Ohms Sync: Separate or Composite Sync TTL Level; Sync on Green Video (SOG) 0.7 Vpp-Sync 0.3 Vpp Horizontal: 15 to 94KHz; Vertical 56 to 75 Hz
Input Interface	HD15 (VGA Analog) – DVI-D
External Connectors	Analog HD15 D-Sub Input; Digital DVI Input, DC Input.
Power Requirements	100-240 VAC 50-60 Hz or +24 VDC @ 5A
Agency Approvals	FCC, CE, UL
Environmental Temperature: Operating Storage Altitude: Operating Storage	0° to 50°C @ 5-90% R.H. -20° to 60°C @ 5-90% R.H. 0 to 10,000 ft 0-30,000 ft
Mechanical Configuration	Table Top or Wall Mount (VESA 100mm)
Dimensions	16.4" (H) x 24" (W) x 3" (D) without Tilt & Swivel 19.3" (H) x 24" (W) x 9.6" (D) With Tilt & Swivel
Bezel Finish	Aluminum - Black Epoxy Powder Paint with Wrinkle Finish
Construction	Ruggedized for Industrial Applications
Weight	18 Lb. with SAW Touch Screen or Screen Protection and without Tilt & Swivel 23.5 Lb With Tilt & Swivel
Warranty	Three Year Limited Warranty



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