

## ***19" Industrial Rack LCD Mount Displays***

***With VGA, DVI, and 5 BNC Video Inputs***

***Model QES1519-459***



Dynamic Displays is proud to introduce our QES1519-459 Industrial Rackmount 19-inch LCD Monitor. These rugged industrial rack mount monitors are comprised of a high-performance 19-inch LCD display packaged in a rugged 9U EIA RS-310 C rack mount chassis for industrial-grade 19" Equipment Rack applications. These displays accept the VESA-standard analog, Digital DVI-D, and Analog SOG Formats Video input signal formats found in many modern industrial control environments.

For legacy or replacement applications, the QES1519-459 19" Industrial Rack Mount LCD monitor is also configured with 5 BNC video input connections to accept a wide variety of standard interlace formats such as RS-170A, RS-343, STANAG 3350, and PAL video inputs.

This unit is also capable of operating at other Non-Standard timings : ABB , Westinghouse , Fisher , Bailey , Allen-Bradley , Foxboro , Honeywell , Moore , Siemens , Forney , Harris , Fanuc , Giddings and Lewis , Walter Grinders , and Berger.

These sturdy rackmount LCD monitors are intended for use in industrial, manufacturing, financial, transportation applications, and other severe environments with a requirement for bright, crisp images and versatile interfaces. These rugged models offer exceptional shock and vibration safeguards. This product is very ruggedly built and features long-life displays with no scheduled End-Of-Life. Incorporating the latest LCD and control electronics you are assured a display that will perform reliably in harsh industrial environments.

### **Features:**

- Industrial-Grade LCD Panel
- 19" SXGA Color TFT LCD with Solid State LED Backlight Module.
- High Bright TFT LCD – 350 Nits
- High Contrast – 2000:1 Typical
- VGA HD-15D-Sub. Standard VESA Input Timings
- DVI-D Standard VESA Timings
- 5 BNC - RGB Sync On Green (SOG), RGB Separate Composite Sync, or RGB Separate Sync.
- 15.75 to 100 kHz Legacy Timings
- RS-170 (525 Line), RS-343 (875-Line), and STANAG 3350 Interlace Formats.
- Heavy Duty Aluminum Front Panel
- Heavy Duty Cold Roll Steel Chassis
- Bonded Anti-Reflective Protective Faceplate Glass for Superior Optical Performance and Better Protection in Extreme Environments.
- Analog RGB Sync On Green Capable
- 5 BNC Input (RGB)
- Standard 19-inch rack mount chassis Dimensions

**Industrial Rack Mount Series Specifications**  
**QES1519-459**

Size/Technology	19.0" SXGA Color TFT-LCD
Viewing Area	376.3(H) mm x 301.1(V) mm
Pixel Pitch	0.294 mm x 0.294 mm
Back Light	50,000 Hours Typical
Viewing Angle (H/V)	150°/150°
Contrast Ratio	600:1 Typical
Brightness (Typ.)	2000 cd/m <sup>2</sup>
Response Time (Tr+Tf)	30 mSec Typical
Colors	16.7M Color
Input Interface - Supported Video Formats	<ul style="list-style-type: none"> <li>• HD15 VGA Analog <ul style="list-style-type: none"> <li>○ VESA Standard Analog</li> </ul> </li> <li>• DVI-D <ul style="list-style-type: none"> <li>○ VESA Standard Digital</li> </ul> </li> <li>• BNC (5X) – Interlace Formats Capable (RS170A/RS343) <ul style="list-style-type: none"> <li>○ Sync: Separate or Composite Sync TTL.</li> <li>○ Sync on Green Video: 0.7Vpp @ 75 Ohms</li> <li>○ Horizontal: 15 to 100KHz; Vertical 50 to 75Hz</li> </ul> </li> </ul>
External Connectors	HD15 D-Sub, Digital DVI, BNC (5X), AC Power Connector
Power Requirements	100-240VAC 50-60Hz or +12VDC @ 4A
Environmental Temperature: Operating Storage Altitude: Operating Storage	<p>0° to 50°C @ 10-90% R.H.</p> <p>-20° to 60°C @ 10-90% R.H.</p> <p>0 to 10,000 ft</p> <p>0-40,000 ft</p>
Dimensions	15.72" (H) x 19.0" (W) x 3.5" (D)
Mounting	EIA RS310 D – 9 Units (19" Rack Mount)
Bezel Finish	Black Powder Coat – Wrinkle Texture – Standard
Construction	Heavy Duty Stainless Steel and Aluminum Alloy Front Panel
Weight	20 Lb.
Warranty	Two-Year Limited Warranty