

***QES1519E Series
19" LCD Replacement Monitor
Drops into your existing 20" CRT Monitor chassis -***

Introduction:

Now it's even more economical than ever to upgrade the 20" CRT monitor used in systems from ABB, Forney Burner, Honeywell, and Westinghouse to a modern, high-definition LCD Display.

The rugged QES1519E 19" Replacement LCD Monitor Series mounts directly onto the CRT mounting studs of your existing 20" CRT Legacy Monitor chassis and has been designed to operate with legacy systems such as ABB AccuRay, ABB Taylor MOD300, ABB Advant, Forney Burner, Honeywell 4500/45000 and TDC 3000, and others.

These rugged 19" LCD Monitors directly replace your 20" CRT Chassis monitor so you can extend the life of your CNC machine tool, process controller or other CRT based system. We can configure the QES1519E-Series 19" Replacement LCD Monitor to operate with the unique TTL CGA, EGA, MDA and analog RS170 and RS343 video formats used in systems from ABB, Bailey, Yokogawa, Honeywell Systems, Forney Burner, and many others.

Upgrading your old 20" CRT console monitor with the economical industrial-grade QES1519E Series 19" TFT LCD Display monitor is a cost effective way of extending the useful life of your existing CNC Control Equipment. Replace your old, low-performance unit with our new, affordable, quality replacement 19" LCD Flat Panel.

This 19" LCD Flat Panel unit will also replace many models of Intercolor Monitors, Conrac Monitors, Microvitec Monitors and KME Monitors.

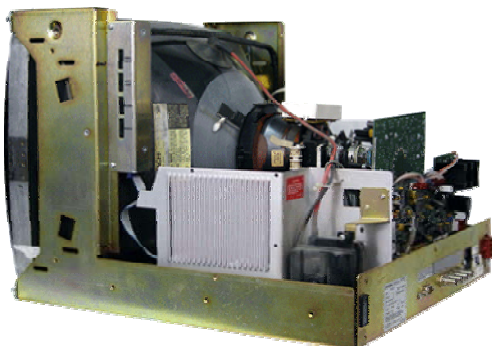


Features:

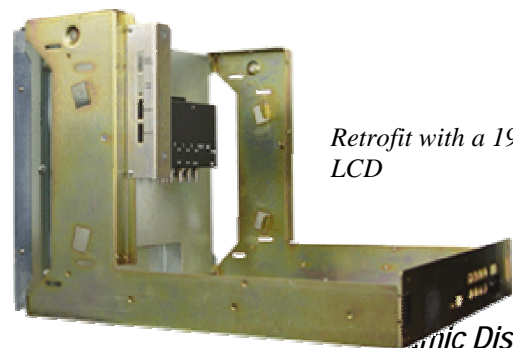
- 15.75 to 68KHz Legacy Timings
- 19" SXGA Color TFT LCD Display
- 5 BNC Input (RGB)
- Analog RGB Sync On Green Capable
- LCD Display drops directly into a 20" CRT Chassis
- High Contrast – 600:1 Typical
- PAL, NTSC, SECAM or YC Inputs
- RS170 - RS343 Video Input Option
- Strengthen Anti-Reflective Protective Faceplate
- Touch Screen: Resistive, Capacitive and SAW option
- TTL Video Input Option for EGA, CGA and MDA
- Universal Power Supply with VESA Power Management

19" LCD Replacement for 20" CRT Chassis

Size/Technology	19" TFT Active Matrix LCD
Viewing Area	376.3 mm x 301.1 mm
Pixel Pitch	0.294 mm x 0.294 mm
Back Light	50,000 Hours Typical
Viewing Angle (h/v)	140°/130°
Contrast Ratio	600:1 Typical
Brightness (typ)	250 cd/m ²
Response Time	12 mSec Typical
Colors	16.2 Million – (6 Bits + FRC)
Supported Video Formats	640 x 480 @ 60/72/75Hz 720 x 400 @ 70Hz 800 x 600 @ 56/60/72/75Hz 1024 x 768 @ 60/70/75Hz 1280 x 1024 @ 60/75/85 – Native Resolution EGA and CGA 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 50 to 75Hz
Input Interface	HD15 (VGA Analog) - DVI-D – 5 BNC Input (RGB)
Power Requirements	100-240VAC 50-60Hz or +12VDC @ 4A
Approvals	FCC, CE, UL
Environmental	
Temperature: Operating	0° to 50°C @ 10-90% R.H.
Storage	-20° to 60°C @ 10-90% R.H.
Altitude: Operating	0 to 10,000 ft
Storage	0-40,000 ft
Dimensions	15.72" (H) x 19.0" (W) x 3.5" (D)
Mounting	20" CRT Studs
Construction	Heavy Duty Stainless Steel
Weight	20 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 RS170 & RS343 Video Input Option



Original 20" CRT Chassis



Retrofit with a 19" LCD

Dynamic Displays, Inc.
1625 Westgate Road – Eau Claire, WI 54703
1-800-793-6862 – Fax: (715) 835-2436
www.dynamicdisplay.com