

19" LCD Replacement for 20" CRT Chassis *Fits on your existing 20" CRT chassis - QES1519-200 Series*

Introduction:

Use our **19" LCD Replacement Display** to update your **20" CRT Chassis, ABB Monitors, Bailey Monitors, Honeywell monitors** or any other **20" CRT Legacy Monitors**. This rugged 19" LCD Display was designed to mount in the CRT mounting studs of your existing **20" CRT chassis**. Specifically designed for **20" Console mount industrial monitor** that operates with legacy systems. These units will replace the **20" CRT Chassis monitor** and extend the life of CRT based Human Machine interfaces. Designed to operate at 15.75KHz, CGA, EGA, MDA and any other legacy timing for systems such as ABB, Bailey, and Honeywell Systems. After removal of the old 20" CRT from its existing chassis, this FPD mounts directly to the chassis via the four CRT mounting studs, effectively extending the life of your CNC machine tool, process controller or other CRT based system.

Upgrading your console unit with a **TFT LCD Display** monitor is a cost effective way of extending the useful life of your existing automation investment. Replace your old, low-performance unit with a new, affordable, quality replacement LCD Flat Panel. These panels are enclosed in a rugged metal housing and a hardened antiglare screen protector.

With 15KHz through 68KHz operation, optional TTL video capability, contrast ratios of 500:1 and brightness levels of 250 cd/m², the QES1519 Series color **LCD display** is an excellent choice for many legacy industrial display needs. Standard features such multi-language on-screen display, DDC1/2B Plug and Play, and wide viewing angle capability makes this a versatile **LCD display**.

This 19" LCD Flat Panel unit will replace **Intercolor Monitors, Conrac Monitors, Microvitec Monitors** and **KME Monitors**.



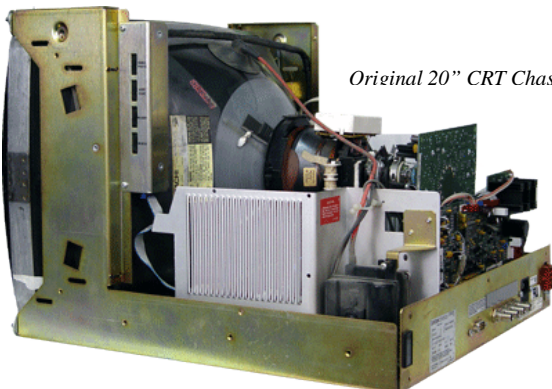
Chassis Base Provided by Customer

Features:

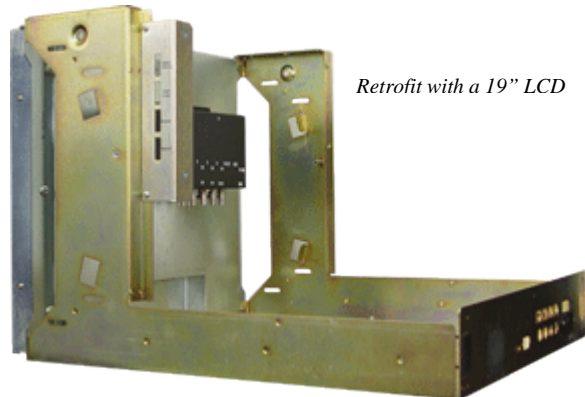
- 19" SXGA Color TFT LCD Display
- LCD Display drops directly into a **20" CRT Chassis**
- 15.75 to 68KHz **Legacy Signals**
- TTL Input Option for EGA, CGA and MDA Signals
- RS170 & RS 343 Video Input Option
- Heavy Duty Cold Roll Steel Chassis
- Strengthened Anti-Reflective Protective Faceplate
- Analog RGB Sync On Green Capable
- 5 BNC Input (RGB)
- Strengthened Glass Protection Option
- Touch Screen: Resistive, Capacitive and SAW option
- Universal Video Input Option

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 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
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

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