

*Allen Bradley 9/230 Series & 9/240 Series
Catalog # 8520-CRTC1
12" Color CRT Monitor Replacement*

Dynamic Display's QES1510-020 is a 10.4 inch LCD with LED backlight Allen Bradley retrofit monitor designed to be a drop-in replacement display for Allen Bradley 8520-CRTC1 Monitor.

Its rugged, steel chassis is designed to mount into the original CRT mounting holes of the 12" Color CRT Monitor (Catalog # 8520-CRTC1) used in Allen Bradley 9/230 Series & 9/240 Series CNC Machine systems, making it unnecessary to replace the original chassis. The video input of the QES1510-020 Allen Bradley retrofit monitor accepts Differential TTL video signals from the original Allen Bradley 9 Series CNC Machine system with no need for signal adapters of any sort. The QES1510-020 Allen Bradley Retrofit Monitor has been optimized to operate on Allen Bradley 9/230 Series & 9/240 Series.



These Retrofit Allen Bradley Monitors are more reliable and perform better than the older 12" Color CRT Monitor, making this versatile LCD monitor an excellent choice for your next Allen Bradley Monitor Replacement.

This 10.4" Industrial LCD Monitor features a resolution of 800 x 600, contrast ratio of 500:1, brightness of 250cd/m2 and 16.2M display colors. Also, with 15KHz through 68Khz operation, and optional CGA & EGA TTL video capability, makes this 10.4" Industrial LCD Monitor an excellent choice for many industrial process control environments and legacy applications. Other standard features are multi-language on-screen display, DDC1/2B Plug and Play, and wide viewing angle.

Features:

- Open-Frame Chassis drops directly into the Allen Bradley Plant Floor Terminal 8520-CRTC1
- Rugged steel chassis drops directly into the mounting holes of the a 12" color CRT
- 10.4 inch SVGA Color TFT LCD Module
- Universal Power Supply with VESA Power Management
- RS-422 Input Video - Serial Differential Communications
- Remote wired OSD membrane switch

QES1510-020 Specifications

Size/Technology	10.4 inch SVGA Color TFT LCD Module – LED Backlight
Image Size	211.2 mm x 158.4 mm
Native Resolution	800 x 600 Pixels
Viewing Angle (H/V)	60°(R) - 60°(L) / 55°(U)- 45°(L)
Contrast Ratio	500:1 Typical
Brightness (Typical)	250 cd/m ²
Response Time (Typical)	25 mSec Rising – 10 mSec Falling
Colors	16.2M Colors – 8 Bits
Supported Video Formats	Allen Bradley CNC Monitor 8520-CRTC1 (25KHz @ 55.5Hz)
Input Signals	Differential TTL Video Input (Differential Digital RGB) Serial Differential Communications RS-422
Video Input Interface	DB15 Male Pins
External Connectors	Input Signals and AC Power Input
Power Requirements	100-240VAC 50-60Hz @ 1Amp
Approvals	FCC, CE, UL
Environmental Temperature: Operating Storage Altitude: Operating Storage	-10° to 65°C @ 10-90% R.H. -30° to 70°C @ 10-90% R.H. 0 to 10,000 ft 0-40,000 ft
Mechanical Configuration	Open Frame
Dimensions	8.83" (H) x 11.20" (W) x 3.17"(D) Kit Only
Mounting	8-32's Screws (4)
Construction	Heavy Duty Stainless Steel
Weight	5 Lb.
Warranty	Two Year Limited Warranty



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