

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



Dynamic Display's QES1512-048 is a 12.1 inch LCD **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 QES1512-048 **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 QES1512-048 **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**.

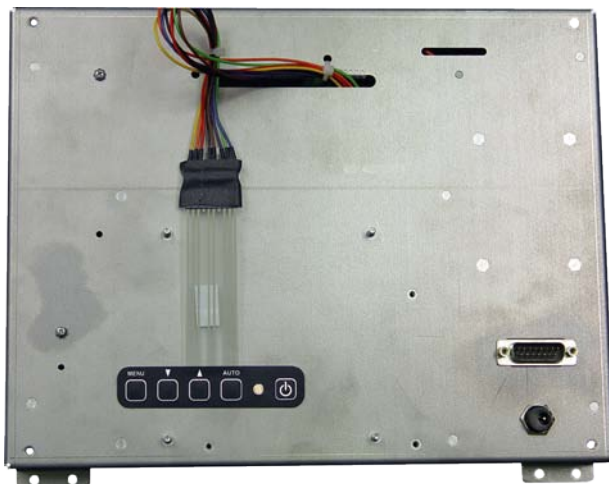
This 12.1" Industrial LCD Monitor features a resolution of 800 x 600, contrast ratio of 500:1, brightness of 250cd/m2 and 262,144 display colors. Also, with 15KHz through 68Khz operation, and optional CGA & EGA TTL video capability, makes this 12" Industrial LCD Monitor an excellent choice for many industrial 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
- 12.1 inch SVGA Color TFT LCD Module
- Universal Power Supply with VESA Power Management
- RS-422 Input Video - Serial Differential Communications

QES1512-048 Specifications

Size/Technology	12.1 inch SVGA Color TFT LCD Module
Image Size	246.0 mm x 184.5 mm
Pixel Pitch	0.3075 mm x 0.3075 mm
Native Resolution	800 x 600 Pixels
Back Light (Typical)	50,000 Hours
Viewing Angle (H/V)	70°(R) - 70°(L) / 60°(U)- 50°(L)
Contrast Ratio	500:1 Typical
Brightness (Typical)	200 cd/m ²
Response Time (Typical)	10 mSec Rising – 25 mSec Falling
Colors	262K Colors – 6 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	9.76" (H) x 11.62" (W) x 1.6"(D) Kit Only
Mounting	8-32's Screws (4)
Construction	Heavy Duty Stainless Steel
Weight	5 Lb.
Warranty	Two Year Limited Warranty



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