

Cimrex 91 10.4" TFT Color Touch Screen



The **CIMREX 91** has a large color TFT touch screen. The viewing angle is at least 140°, and the bright color presentation will satisfy your need for an impressive display. The CIMREX 91 will make your machines stand out from all the rest.

Ethernet TCP/IP Network Features

With the ethernet expansion card, the features of the Cimrex 91 increases exponentially.

- **Network** multiple Cimrex panels together communicating to one PLC. Each panel will have it's own IP address.
- Customize **web pages** for each panel that can be viewed on the internet or intranet.
- **Control** the panel remotely through the internet. You can view screens to monitor machine activity and change data points just as if you were in front of the panel.
- **Email** messages or alarms to anyone in the world. Alarms can be programmed to automatically notify the appropriate person.
- **FTP (File Transfer Protocol)** may be used to retrieve alarm files, trend data, and recipes in .skv format from the panel. These files can be opened in Excel.

Recipe Handling can be used to store analog and digital signal values for motion profiles, PID settings, and batch timers with a simple keyboard operation. No complicated programming in the PLC is necessary.

Values can be easily saved/downloaded to/from the operator panel's internal memory, and can be password protected.

Two Expansion Slots allows an Ethernet card, Profibus card, PCMCIA expansion memory card, or parallel printer card to be attached for added functionality. The ethernet card can be used for either 10 base T or coax type. The Profibus card allows the unit to be

Driver information

- ▶ Allen Bradley
 - ▶ Aromat
 - ▶ Modbus RTU/ASCII
 - ▶ DVT
 - ▶ GE
 - ▶ Hitachi
 - ▶ IDEC
 - ▶ Keyence
 - ▶ Koyo
 - ▶ Omron
 - ▶ Siemens
 - ▶ Yaskawa
- ... and many more

Other Features

- ▶ 640 x 480 pixels
- ▶ Graphical Touch Screen
- ▶ Dual driver capability / Data eXchange / Recipe Handling
- ▶ Macro Functions / Multilanguage / Alarm Management
- ▶ Buzzer / Trend Graphs
- ▶ Alarm and Event handling
- ▶ WEB functionality
- ▶ Ethernet / Profibus networking
- ▶ Pass Through Communication
- ▶ 8 Password Levels
- ▶ Real Time Clock / Report Printing
- ▶ 2 Expansion Slots
- ▶ 2 Communication Ports: RS232C / RS422

Specifications

Display	Backlit Color TFT Touch Screen
Display size	640 x 480 Pixels
Number of Colors	256 for Bitmap, 256 for Drawing
LED	None
Function keys	None
Memory	2 MB Flash
Calendar Time Clock	Yes (10 years)
Communication	2 Ports: RS-232C (DB9) RS422 /

attached to a network as a slave. The expansion memory can extend the unit's memory up to 4 or 8 MB.

SOFTWARE

CIMREXPROG is a powerful programming tool that is very easy to use! A floating tool bar appears on every screen that provides quick access items for programming. There is no need to download the program to see what your application look like because what you see is what you get. We believe this software is by far one of the easiest to use in the market.

System requirements include:

- Pentium 90 or faster
- Windows 9x, NT, 2000, XP
- 60MB Hard Disk
- 24 MB RAM

port	RS485 (DB25)
Password	8 Levels
Expansion slot	2
Other function	Alarm Logging, Recipes, Trend
Power Supply	100 - 120 VAC
Current Consumption	.35 A or less
Ambient Temperature	32 to 122 ° F (0 to 50 °C)
Ambient Humidity	90% Non Condensing
Protection (Front)	IP65, NEMA4, NEMA 4X
Dimensions (mm)	290 (w) x 247 (h) x 109 (d)
Panel Cutout (mm)	265 (w) x 184 (h)
Weight	3.5Kg (7.72LB)
Conforming	UL & cUL, (File#: E192000)
EMC	CE, EN5008-1, EN5008-2

Ordering Information

CIMREX 91	CIMREX91
Communication Cable: Cimrex DB9 to FP0/ FP2 (3.0m)	AFC15CM03-US9
Communication Cable: Cimrex DB9 to FP2/ FP10SH - Secondary Port (3.0m)	AFC15CMSH3-US9
Software	CIMREXPROG
Programming Cable	GK-CAB-P4