



CR1000 4.3" Widescreen HMI

Item number: CR10000400000210

The CR1000 4.3" Widescreen HMI enhances industrial operations with a durable and easy-to-use display. Connect to virtually any device with in-built protocol conversion and multiple ports. Customize with drag-and-drop programming with Crimson.



Simplicity and connectivity a sleek and durable HMI

Features and benefits

✓ **Protocol conversion for over 300 drivers**

Easily connect your HMI to existing legacy and new industrial equipment and converts up to 6 protocols at once. An ever-expanding library of protocol drivers keeps your HMI connected for years to come.

✓ **Simple drag-and-drop /auto populating programming**

Crimson® configuration software's intuitive interface makes it easy to connect, set-up, program and view your data anywhere.

✓ **Rugged and durable design**

The NEMA 4X indoor / IP66 enclosure rated front panel is designed to operate reliably in harsh conditions and temperatures from -10° to 50 °C. UL-listed and built with high shock and vibration tolerance.

✓ **Sleek, full color display with widescreen option**

Reduce human error and speed up training with easy to see visual guides in 16M colors. Available in 4.3-inch wide screen.

✓ **Update Crimson displays quickly and efficiently**

Repurpose existing display databases with Crimson's smart conversion utility. Faster formatting on more natural displays with smoother edges, more fill options and anti-alias rendering.



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General

Net Weight (g)	425
Packed Width (mm)	152.4
Packed Height (mm)	101.6
Packed Depth (mm)	203.2
Packed Weight (g)	426
Operating Temperature °C Min	-10
Operating Temperature °C Max	50
Storage Temperature °C Min	-20
Storage Temperature °C Max	70
Relative Humidity	0 to 85% relative humidity (non-condensing)
Power Consumption (W)	5
Input Voltage (V)	24 VDC +/- 20%
Maximum Installation Altitude (m)	2000
Mounting	Panel mount
Panel Cut-Out Dimensions	3.66 in (92.96 mm) x 4.69 in (119.13 mm)
Housing Materials	Polycarbonate
Front Sealing	Type 4X Indoor / IP66 Enclosure rating (front face only)
Packaging Material	Cardboard
Warranty (years)	2



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Identification and Status

Product ID	CR10000400000210
Country of Origin	United States of America (the)
HS Code	8537109199
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	1x RS232, 1x RS232/RS485, 1x RJ45, 1x USB type B
SD Card Slot	Yes
Flash Drive	Yes
Contains Battery	No

Display Features

Display Size	4.3 in
Pixels	480 x 272
Colors	16M
Touch Type	Resistive analog
Backlight Type	LED
Backlight Life Time (Typical)	30000 Hours
Backlight Brightness	500 cd/m2

Certifications and Standards

Protection Class IP	IP66
RoHS Compliant	Yes
CE	Yes

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Certifications and Standards

FCC	No
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Vibration and Shock	30 g per IEC 68-2-27; 2 g @ 5-500 Hz per IEC 68-2-6