



CR1000 7" Widescreen HMI

Item number: CR10000700000210

The CR1000 7" 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 7-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)	866.36
Packed Width (mm)	254
Packed Height (mm)	133.35
Packed Depth (mm)	304.8
Packed Weight (g)	866.36
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)	6.2
Input Voltage (V)	24 VDC +/- 20%
Maximum Installation Altitude (m)	2000
Mounting	Panel mount
Panel Cut-Out Dimensions	7.06 in (179.32 mm) x 4.87 in (123.7 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	CR10000700000210
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	Terminal, 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	7 in.
Display Type	TFT
Pixels	800 x 480
Colors	16M
Touch Type	Resistive analog
Backlight Type	LED
Backlight Life Time (Typical)	50000 Hours
Backlight Brightness	430 cd/m2

Certifications and Standards

Protection Class IP	IP66
RoHS Compliant	Yes

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Certifications and Standards

CE	Yes
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