

RedLion[®]

BY HMS NETWORKS

CR1000 10.4" HMI

Item number: CR10001000000210

The CR1000 10.4" 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**
Reduce human error and speed up training with easy to see visual guides in 16M colors. Available in 10.4-inch standard screen size.
- ✓ **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.

General

Net Weight (g)	1397
Packed Width (mm)	31.75
Packed Height (mm)	120.65
Packed Depth (mm)	63.5
Packed Weight (g)	1397
Operating Temperature °C Min	-10
Operating Temperature °C Max	50
Storage Temperature °C Min	-20
Storage Temperature °C Max	70
Relative Humidity	85 % max relative humidity, non-condensing
Power Consumption (W)	9
Input Voltage (V)	24 VDC +/- 20%
Maximum Installation Altitude (m)	2000
Mounting	Panel mount
Housing Materials	Polycarbonate
Front Sealing	Type 4X Indoor / IP66 Enclosure rating (front face only)
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	CR10001000000210
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Identification and Status

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	10 in.
Display Type	TFT
Pixels	800 x 600
Colors	16M
Touch Type	Resistive analog
Backlight Type	LED
Backlight Life Time (Typical)	50000 Hours
Backlight Brightness	400 cd/m2

Certifications and Standards

Protection Class IP	IP66
RoHS Compliant	Yes
CE	Yes

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