cMT-FHDX-820 (W)

HTML5 Web Panel (HDMI™ Output)





IP20

Key Features

- Supports external 16:9 / 4:3 LCD monitor output for HMI video and audio
- Supports high-definition video output up to 1920 × 1080 resolution
- Powerful and versatile Chromium browser
- Ethernet port × 2, USB host port × 1, microSD slot × 1
- Built-in 4 GB FLASH and 1 GB RAM
- Fan-less cooling system

Technical Specifications

Memory

FLASH	4 GB
RAM	1 GB

Processor

CPU	Quad-core RISC

I/O Port

Memory Card Type	microSD × 1
USB Host	USB 2.0 × 1
Ethernet	LAN 1: 10/100/1000 Base-T × 1 LAN 2: 10/100 Base-T × 1
COM Port	N/A
HDMI™ Output	max. resolution 1920 × 1080
WiFi	N/A
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	HDMI™ audio output

* The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	850 mA @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Plastic
Dimensions W×H×D	29.8 × 130 × 115 mm
Weight	Approx. 0.24 kg
Mount	35 mm DIN rail mounting

Environment

PCB Coating	Yes
Protection Structure	IP20
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Relative Humidity	10 % ~ 90 % (non-condensing)
Altitude	3,000 m
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)

Product Carbon Footprint (kg CO_2e)

Manufacturing Stage (A1-A3)	18

Certificate

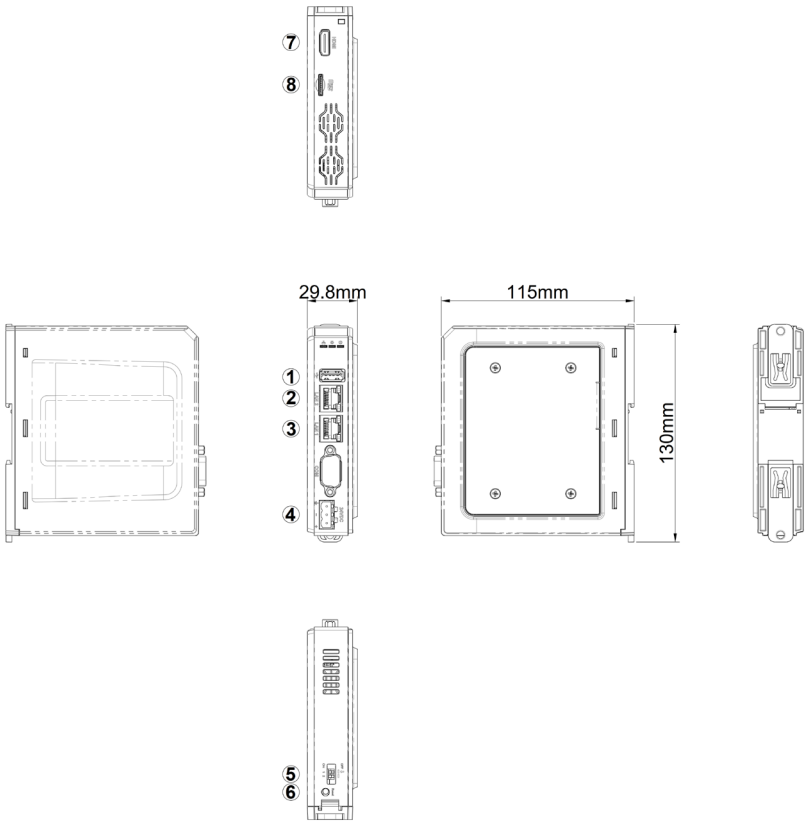
CE	CE Marked
UL	cULus Listed

Software

Browser	Chromium 132 (Upgradable)*
Weincloud	EasyAccess 2.0 (Optional)

* The built-in browser does not support websites requiring Java Applets or the Java SDK.
* For best compatibility, use websites developed with standard HTML5.

Dimensions



1	USB Host
2	LAN 2
3	LAN 1
4	Power Connector
5	DIP Switch
6	Reset Button
7	HDMI™ Port
8	microSD Card Slot

Part Number

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Built-in 4 GB FLASH / 1 GB RAM, 10/100/1000 M Ethernet port × 1, 10/100 M Ethernet port × 1

Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card