

# OPERATOR INTERFACE (HMIs)

Technology that simplifies processes



Motors | Automation | Energy | Transmission & Distribution | Coatings



**Pictures Demo**  
Energy Engineering

Notification	Function
<input checked="" type="radio"/> On	<input checked="" type="checkbox"/> Stop Alarm Mute
<input type="radio"/> Off	<input type="checkbox"/> Alarm Mute
<input type="radio"/> Call	<input type="checkbox"/> Alarm Mute
	<input type="checkbox"/> Alarm Mute
	<input type="checkbox"/> Alarm Mute

Open Close Error

PI 7.6  
TI 13  
PI 3.1  
TI 10

Hot Water 12

PI 20.3  
TI 120

PI 1.6  
TI 10

Warning: ... that your condensate pipe is not frozen

Mode

**Pictures Demo**  
Energy Engineering

Hot Water 12

PI 1.6  
TI 10

Warning: ... that your condensate pipe is not frozen

Mode

12:02

**Pictures Demo**  
Energy Engineering

Hot Water 12

PI 1.6  
TI 10

Warning: ... that your condensate pipe is not frozen

Mode

12:02

**Boiler Control System**

Hot Water 12

PI 1.6  
TI 10

Warning: ... that your condensate pipe is not frozen

Mode

12:02



# Operator Interface (HMIs)

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# OUTSTANDING PERFORMANCE AND IMAGE

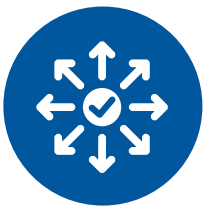
How can a Human Machine Interface (HMI) impact industrial automation processes? The HMI can show in real time how an operation is happening while translating such data to display it remotely, providing automation processes with more flexibility and agility.

Currently, industrial production increasingly requires technological resources, and that also requires greater connectivity from HMIs (IIoT). In order to meet this demand, we developed WEG cMTx line for communication between equipment and its operators.

Versatile and created to speed up this integration, the cMTx HMI line offers different models with features such as: CANopen and SAE J1939 communication, MQTT protocol, Modbus-TCP/IP and Wi-Fi connection.



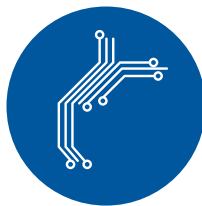
## Characteristics



Flexibility



Speed



Connectivity



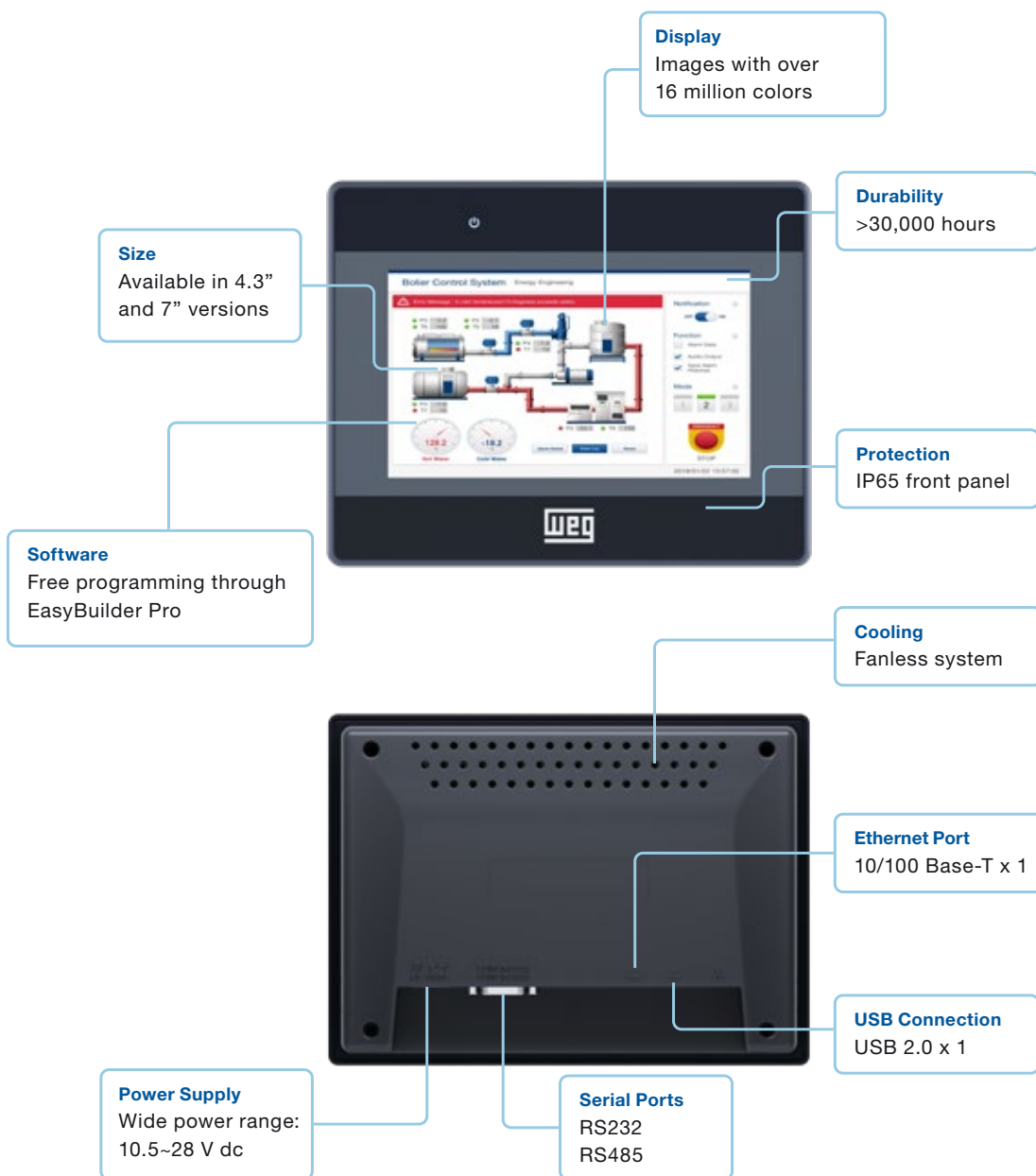
Integration



Durability



## MT8000 Operator Interfaces





## MT8000 Operator Interfaces

### Operator Interfaces

The MT8000 line is the generation of WEG's color graphical touchscreen HMIs. With 4.3, 7, 10 and 15-inch models of medium to high resolution, it stands out for its robustness, flexibility and design.

Its design allows communication with a wide range of devices, as it has RS232/RS485 serial ports and Ethernet. The EasyBuilder Pro programming software also includes a simulator that enables online and offline simulation.

Ideal sizes for equipment and processes where little space is available in the electrical panel, but the component is still necessary, whether for production, guiding or safety reasons.

Models	MT8051iP	MT8071iP
Type	Standard	
Screen size	4.3" (diagonal)	7" (diagonal)
Display resolution	480 x 272 pixels	800 x 480 pixels
Brightness	400 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
LCD type	TFT LCD color	
Contrast ratio	500:1	
Backlight type	LED	
Screen life	>30,000 hours	
Number of display colors	16.7 million	
Touchscreen type	Resistive	
Flash memory	128 MB	
RAM memory	128 MB	
CPU	32 bit Risk 600 Mhz	
COM1	RS232/RS485 (2 wires / 4 wires)	RS232 (4 wires)
COM2	N/A	RS485 (2 wires / 4 wires)
COM3	RS485 (2 wires)	N/A
Ethernet	10/100 Base-T x 1	
USB (main)	USB 2.0 x 1	
USB client	N/A	
CAN Bus	N/A	
Wi-Fi connection	N/A	
RTC (real time clock)	Yes	
Power supply	10.5~28 V dc	
Consumption	800 mA@12 V dc / 400 mA@24 V dc	1 A@12 V dc / 500 mA@24 V dc
Power supply isolation	Built-in	
Insulation resistance	Above 50MΩ at 500 V dc	
Vibration resistance	10~25 Hz (X, Y, Z dir. 2G 30min)	
Ambient temperature	0 ~ 50 °C	
Storage temperature	-20 ~ 60 °C	
Relative humidity	10% ~ 90% (non-condensing)	
External dimensions	128 x 102 x 32 mm	200.4 x 146.5 x 34 mm
Installation cutout	119 x 93 mm	192 x 138 mm
Weight	0.25 kg	0.52 kg
Protection rating (rear / front)	IP65	IP65
Certifications	CE	CE
Editor software	EasyBuilder Pro (free)	
Remote access	EasyAccess 2.0 (optional)	

Note: all HMIs have Modbus-RTU communication, so they can communicate with VSDs, servo drives, PLCs, overload relays etc. For further information, contact our sales team.

# cMTx Operator Interfaces

## High Performance and Excellent Resolution

Through a powerful Quad-Core processor, 1 GB RAM and 4 GB Flash memory, the cMTx line stands out for its high performance, outstanding image and connectivity.

## CMTX SERIES



## Flexibility for Your Business

The cMTx line was developed to provide greater flexibility for your automation with different technology levels, being produced in different sizes: 7", 10", 15" and 15.6".







#### IloT Ready

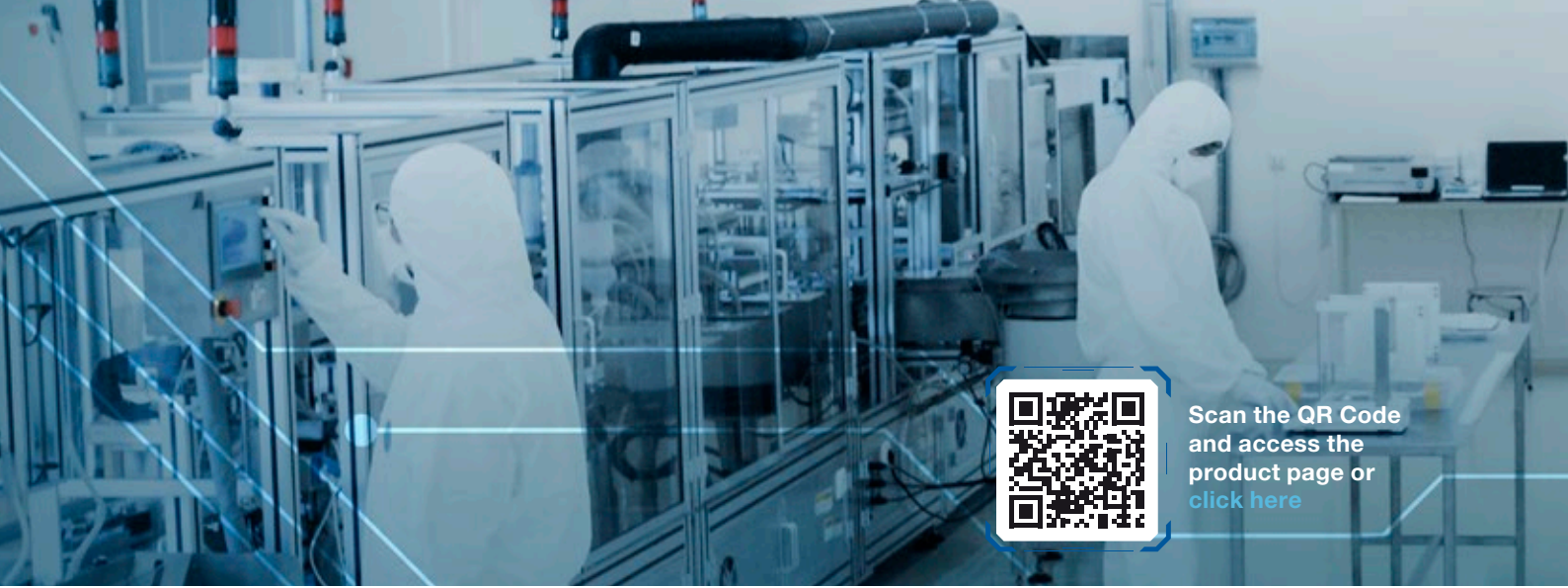
The entire cMTx line is IloT Ready, featuring the MQTT (Message Queuing Telemetry Transport) protocol built-in, which allows integrating WEGnology and WEG Smart Machine solutions and extracting maximum productivity and KPIs from your processes.



#### Connectivity and Security

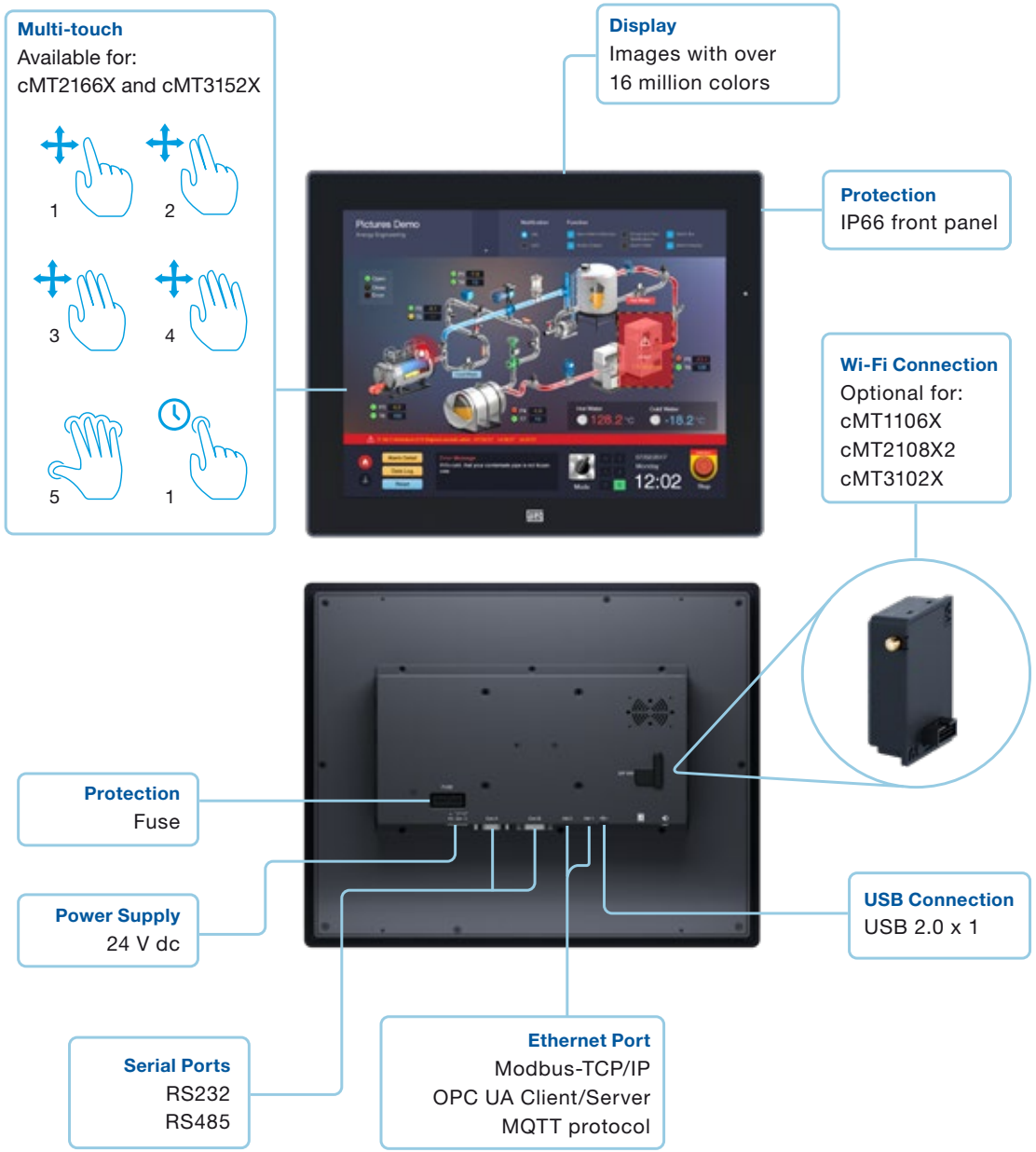
Through the EasyAccess 2.0 software, connect to one or more HMIs and monitor your processes remotely. All that in a secure way, in a VPN connection (Virtual Private Network).





Scan the QR Code  
and access the  
product page or  
[click here](#)

## cMTx Operator Interfaces





## cMTx Operator Interfaces

The cMTx line is the generation of WEG's color graphical touchscreen HMIs. With 7, 10, 15 and 15.6-inch high resolution models, it stands out for its robustness, flexibility and bold design. Its design allows communication with a wide variety of equipment, as it has Ethernet and RS232/RS485 communication ports. It also has free programming software.

Models	cMT2078X	cMT1106X	cMT2108X2
Type	Standard	Basic	Standard
Screen size	7" (diagonal)	10.1" (diagonal)	10.1" (diagonal)
Display resolution	800 x 480 pixels	1,024 x 600 pixels	1,024 x 600 pixels
Brightness	400 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
LCD type		TFT LCD color	
Contrast ratio	800:1	500:1	500:1
Backlight type		LED	
Screen life	>30,000 hours	>50,000 hours	>50,000 hours
Number of display colors		16.7 million	
Touchscreen type		Resistive	
Flash memory		4 GB	
RAM memory		1 GB	
CPU	Quad-core 64-bit RISC 1.5 Ghz	Quad-core 64-bit RISC 1.5 Ghz	Quad-core 32-bit RISC 1.6 Ghz
COM1		Con.B: RS232 (4 wires)	
COM2		Con.A: RS485 (2 wires / 4 wires)	
COM3		Con.A: RS485 (2 wires) / Con.B: RS232 (2 wires)	
Ethernet	10/100 Base-T x 2	10/100 Base-T x 1	10/100/1000 Base-T x 1 / 10/100 Base-T x 1
USB (main)		USB 2.0 x 1	
USB client		N/A	
CAN Bus		N/A	
Wi-Fi connection	N/A	Yes (via M02 accessory)	Yes (via M02 accessory)
RTC (real time clock)		Yes	
Power supply		24 V dc ±20%	
Consumption	820 mA @24 V dc	720 mA @24 V dc	1 A@24 V dc
Power supply isolation		Built-in	
Insulation resistance		Above 50 MΩ at 500 V dc	
Vibration resistance		10~25 Hz (X, Y, Z dir. 2G 30min)	
Ambient temperature		0 ~ 50 °C	
Storage temperature		-20 ~ 60 °C	
Relative humidity		10% ~ 90% (non-condensing)	
External dimensions	200.3 x 146.3 x 35 mm	271 x 213 x 38 mm	271 x 213 x 38 mm
Installation cutout	192 x 138 mm	260 x 202 mm	260 x 202 mm
Weight	0.6 kg	1.2 kg	1.2 kg
Protection rating (rear / front)		IP66	
Certifications		CE	
Editor software		EasyBuilder Pro (free)	
Remote access		EasyAccess 2.0 (optional)	
PLC function	CODESYS® (optional)	N/A	CODESYS® (optional)

Note: all HMIs have Modbus-RTU communication, so they can communicate with VSDs, servo drives, PLCs, overload relays etc. For further information, contact our sales team.

## cMTx Operator Interfaces

Models	cMT3102X	cMT2166X	cMT3152X
Type	Advanced	Standard	Advanced
Screen size	10.1" (diagonal)	15.6" (diagonal)	15" (diagonal)
Display resolution	1,024 x 600 pixels	1,920 x 1,080 pixels	1,024 x 768 pixels
Brightness	350 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
LCD type	TFT LCD color	IPS color	IPS color
Contrast Ratio	500:1	800:1	1000:1
Backlight type	LED		
Screen life	>50,000 hours	>30,000 hours	>50,000 hours
Number of display colors	16.7 million	16.2 million	16.2 million
Touchscreen type	Resistive	Capacitive	Capacitive
Flash memory	4 GB		
RAM memory	1 GB		
CPU	Quad-core 32-bit RISC 1.6 Ghz	Quad-core 64-bit RISC 2 Ghz	Quad-core 32-bit RISC 1.6 Ghz
COM1	Con.B: RS232 (4 wires)	Con.A: RS485 (2 wires / 4 wires) / Con.B: RS232 (4 wires)	Con.A: RS485 (2 wires / 4 wires) / Con.B: RS232 (4 wires)
COM2	Con.A: RS485 (2 wires / 4 wires)	N/A	N/A
COM3	Con.A: RS485 (2 wires) / Con.B: RS232 (2 wires)		
Ethernet	10/100/1000 Base-T x 1 10/100 Base-T x 1	10/100 Base-T x 1	10/100/1000 Base-T x 1 / 10/100 Base-T x 1
USB (main)	USB 2.0 x 1		
USB client	N/A		
CAN Bus	Yes (CANopen and J1939) - Master	N/A	Yes (CANopen and J1939) - Master
Wi-Fi connection	Yes (via M02 accessory)	No	No
RTC (real time clock)	Yes		
Power supply	24 V dc ±20%		
Consumption	1 A @24 V dc	0.9 A@24 V dc	1.3 A@24 V dc
Power supply isolation	Built-in		
Insulation resistance	Above 50 MΩ at 500 V dc		
Vibration resistance	10~25 Hz (X, Y, Z dir. 2G 30min)		
Ambient temperature	0 ~ 50 °C		
Storage temperature	-20 ~ 60 °C		
Relative humidity	10% ~ 90% (non-condensing)		
External dimensions	271 x 213 x 38 mm	400 x 263 x 27.6 mm	366 x 293 x 51.5 mm
Installation cutout	260 x 202 mm	384 x 247 mm	352 x 279 mm
Weight	1.2 kg	1.6 kg	2.75 kg
Protection rating (rear / front)	NEMA4 / IP66		
Certifications	CE		
Editor software	EasyBuilder Pro (free)		
Remote access	EasyAccess 2.0 (optional)	EasyAccess 2.0	EasyAccess 2.0 (built-in)
PLC function	CODESYS® (optional)	N/A	CODESYS® (optional)

Note: all HMIs have Modbus-RTU communication, so they can communicate with VSDs, servo drives, PLCs, overload relays etc. For further information, contact our sales team.

### Add Extra Value to Your Automation

WEG HMIs, through their powerful processing capacity, allow viewing objects with a very high level of detail, brightness and contrast. Allowing the design of design minimalist or more realistic screens as needed.

### Integrate Solutions for Better Results

To meet the global demand for greater integration and management of machines and processes, WEG developed the WEG SMART MACHINE (WSM) IoT solution.

WEG Smart Machine is an IoT solution based on cloud computing designed to monitor machines in real time from anywhere. Applications are custom built, meeting the specific needs of each application and each type of machine.

WSM brings pioneering to OEMs, simplifying technical support and performance improvement of their machines. For end consumers, an impressive tool with information that facilitates production, process and maintenance management and can be integrated into the WEG HMI line.



For more information about WEG Smart Machine, please contact the WEG Automation sales team.

## EasyBuilder Pro Programming Software

EasyBuilder Pro is a friendly and free screen development platform for all WEG HMIs.

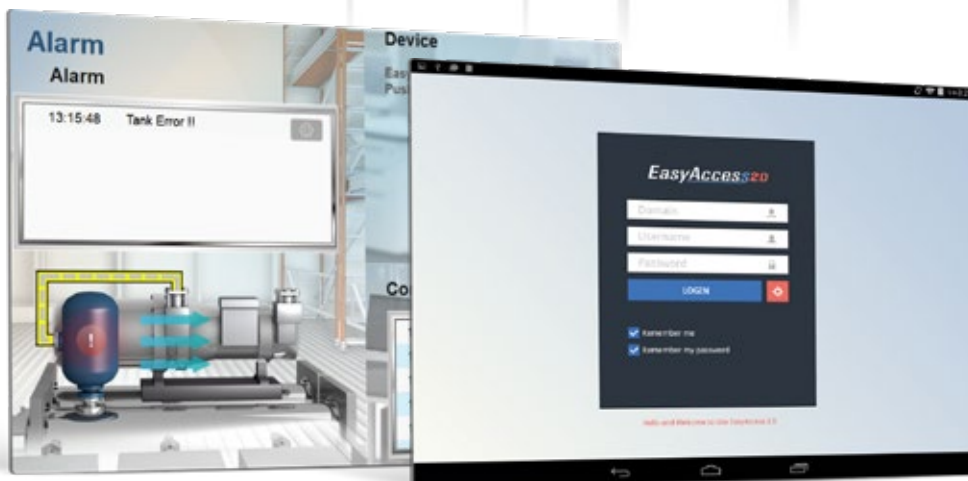
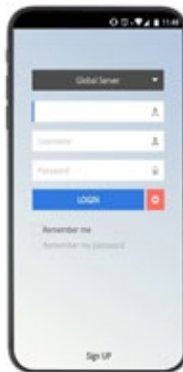


## Optimize Your Process and Gain Productivity

Create objective, intuitive and dynamic screens. Speed up your development process and present complex automation in a simple and concise way, displaying all important information obtained through PLCs (Programmable Logic Controllers) and sensors.

## Get Notifications Wherever You Are

Purchase the EasyAccess 2.0 access card and connect to your HMIs remotely. Download the EasyAccess 2.0 app and enable alarm and fault notifications to receive them in real-time on your mobile device.



## Accessories

The accessories of the HMI line were developed focusing on how to obtain the best user experience and increase productivity by digitizing your processes, extending the conventional use of Human-Machine Interface resources, adding more connectivity and bringing greater virtualization to your factory.

### Turn Your HMI into a PLC



Transform your Human Machine Interface (HMI) into a Programmable Logic Controller (PLC) and get the best of both devices.

By purchasing the CODESYS® Card (RZ0DS000), you can activate the SoftPLC function and develop your solutions in a CODESYS® environment.

All that without losing the Human-Machine Interface functionality and without compromising its performance.

This accessory can also be used along with the EasyAccess 2.0 Access Card and the Wi-Fi Connection Module.

To harness the maximum processing power and ensure smooth operation on the HMI, the operating interfaces of the cMTx line were developed so that both functionalities operate with different processing cores. In addition, different memories are accessed for each of the functionalities.

<b>Protocols</b>	Modbus-TCP/IP (Master)
	EtherCAT (Master)
	CANopen (Master)
<b>Maximum number of Modbus-TCP/IP slaves</b>	32
<b>Maximum number of EtherCAT slaves</b>	65535
<b>Maximum number of CANopen slaves</b>	126
<b>CODESYS SoftMotion</b>	N/A (own library with motion control capabilities)
<b>CODESYS WebVisu/TargetVisu/HMI</b>	N/A (it has more features)
<b>Runtime login/monitor/download</b>	Utility Manager (for download only)
	Login with PLC via LAN1
	Login with PLC via LAN2 (TCP only)

### Make Your Production Processes Virtual

With the reputable visualization and interaction digital platform EasyAccess 2.0, you are just a click away from accessing all your HMI screens and viewing your production process remotely. Purchase the EasyAccess Activation Card 2.0 (RZACEA020) and enjoy the modernization of your production.

The connection established between your access point and the HMI is made through a VPN (Virtual Private Network), which provides very high security for your data. Also access your PLC via the *Pass-Through* function and change its parameters.



### Connection Flexibility



Installing the Wi-Fi connection module (M02) allows you to connect your HMI to any network wirelessly.

Expansion module with standard IEEE 802.11b/g/n connection technology. Its design is extremely compact, not affecting your panel assembly. The signal antenna is included in the package.

The M02 module can also transform your HMI into a Wi-Fi connection access point (Hotspot), facilitating field maintenance service. Ideal accessory for mobile applications (Skid), and wireless monitoring services.

## Operator Interface with Remote Screen

### Features

- Built-in HDMI port and adjustable resolution up to 1920 x 1080 pixels
- Custom support for 16:9 and 4:3 resolution on LCD monitor
- IIoT Ready, with embedded MQTT protocol

cMT-FHDX-820 is an HMI without display, designed to be connected to TVs and monitors with HDMI port. Besides bringing all the functionality found in the cMTx series, cMT-FHDX-820 enables the use of HMIs of any size and features a USB port for mouse and keypad connection to control the screen when it doesn't have touch screen function.



Increase your productivity and process control using the cMT-FHDX-820. This device can connect to various industrial communication networks and transmit its image through an HDMI® output.

## Specification

Models	cMT-FHDX-820
Type	Advanced
Screen size	N/A
Display resolution	(HDMI) Máx. 1,920 x 1,080 pixels
Brightness	N/A
LCD type	N/A
Contrast ratio	N/A
Backlight type	N/A
Screen life	N/A
Number of display colors	N/A
Touchscreen type	N/A
Flash memory	4 GB
RAM memory	1 GB
CPU	Quad-core 32-bit RISC 1.6 Ghz
COM1	RS232
COM2	RS485 (2 wires / 4 wires)
COM3	RS485 (2 wires)
Ethernet	10/100/1000 Base-T x 1 / 10/100 Base-T x 1
USB (main)	USB 2.0 x 1
USB client	N/A
CAN Bus	N/A
Wi-Fi connection	No
RTC (real time clock)	Yes
Power supply	24 V dc ±20%
Consumption	0.85 A@ 24 V dc
Power supply isolation	Built-in
Insulation resistance	Above 50 MΩ at 500 V dc
Vibration resistance	10~25 Hz (X, Y, Z dir. 2G 30min)
Ambient temperature	0 ~ 50 °C
Storage temperature	-20 ~ 60 °C
Relative humidity	10% ~ 90% (non-condensing)
External dimensions	29.8 x 130 x 115 mm
Installation cutout	35 mm DIN rail mounting
Weight	0.24 kg
Protection rating (rear / front)	IP20
Certifications	CE
Editor software	EasyBuilder Pro (free)
Remote access	EasyAccess 2.0 (optional)
PLC function	CODESYS® (optional)

Note: all HMIs have Modbus-RTU communication, so they can communicate with VSDs, servo drives, PLCs, overload relays etc. For further information, contact our sales team.



## Accessories

Reference	Code	Description	MT8051iP	MT8071iP	cMT2078X	cMT1106X	cMT2108X2	cMT3102X	cMT2166X	cMT3152X	cMT-FHDX-820
IHM MT6050/COM3	13018602	MT6050/COM3 HMI communic cable RS485 / terminals - 2.5 m	✓								
IHM MT8070/COM2	13018564	MT8070/COM2 HMI communic cable RS485 / terminals - 2.5 m		✓							
IHM MT8100/COM3	13018566	MT8100/COM3 HMI communic cable RS485 / terminals - 2.5 m			✓	✓	✓	✓	✓	✓	
RZACEA020	13753693	EasyAccess 2.0 activation card	✓	✓	✓	✓	✓	✓	✓	✓ (built-in)	✓
RZOCDS000	16554149	CODESYS® activation card			✓	✓	✓	✓	✓	✓	✓
M02	16280732	Wi-Fi connection module				✓	✓	✓			

## Quick Specification Guide

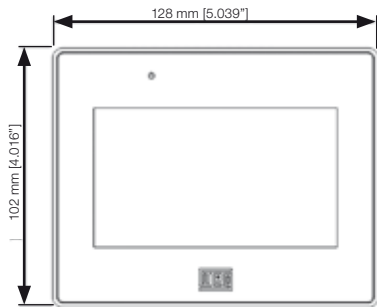
Reference	MT8051iP	MT8071iP	cMT2078X	cMT1106X	cMT2108X2	cMT3102X	cMT2166X	cMT3152X	cMT-FDX-820
Screen size	4.3" (diagonal)	7" (diagonal)	7" (diagonal)	10.1" (diagonal)	10.1" (diagonal)	10.1" (diagonal)	15.6" (diagonal)	15" (diagonal)	N/A
Audio output							✓	✓	✓ (via HDMI)
Wi-Fi				✓ (optional)	✓ (optional)	✓ (optional)			
CAN bus						✓		✓	✓
MPI Siemens						✓		✓	✓
Multi-touch screen							✓	✓	✓
3G/4G dongle			✓	✓	✓	✓	✓	✓	✓
cMT viewer			✓	✓	✓	✓	✓	✓	✓
VNC server	✓	✓	✓	✓	✓	✓	✓	✓	✓
Barcode scanner (Android)						✓		✓	✓
Bar graph						✓		✓	✓
IP camera/Media player			✓		✓	✓	✓	✓	✓
Image viewer	✓	✓	✓	✓	✓	✓	✓	✓	✓
File browser			✓	✓	✓	✓	✓	✓	✓
PDF reader			✓	✓	✓	✓	✓	✓	✓
PLC web browser						✓		✓	✓
Energy consumption viewer						✓		✓	✓
MQTT			✓	✓	✓	✓	✓	✓	✓
OPC UA Client	✓	✓	✓	✓	✓				
OPC UA Server						✓		✓	✓ (optional)
BACnet schedule			✓	✓	✓	✓	✓	✓	✓
Data server						✓		✓	✓
SQL Query						✓		✓	✓
CODESYS®			✓ (optional)		✓ (optional)	✓ (optional) <sup>1)</sup>		✓ (optional) <sup>1)</sup>	✓ (optional)
EasyAccess 2.0	✓ (optional)	✓ (optional)	✓ (optional)	✓ (optional)	✓ (optional)	✓ (optional)	✓ (optional)	✓ (Built-in)	✓ (optional)

Note: when the PLC function is unlocked via CODESYS® activation card, the CAN port will stop working.



## Dimension Drawings

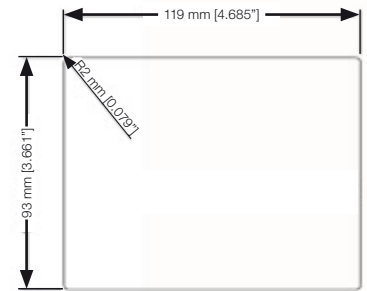
### IHM MT8051iP – 4.3”



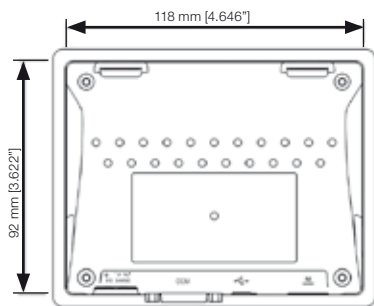
Front view



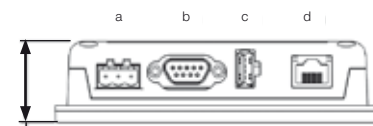
Side view



Panel cutout dimensions



Rear view

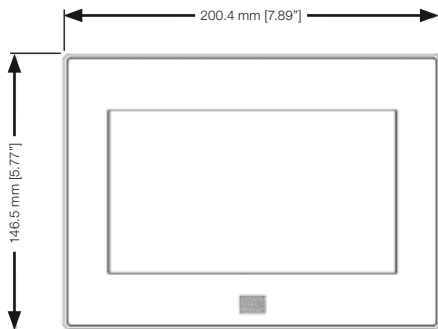


Bottom view

a	Power supply
b	COM1 RS232, RS485 2 wires / 4 wires,
	COM3 RS485 2 wires
c	USB Host
d	Ethernet

32 mm [1.260"]

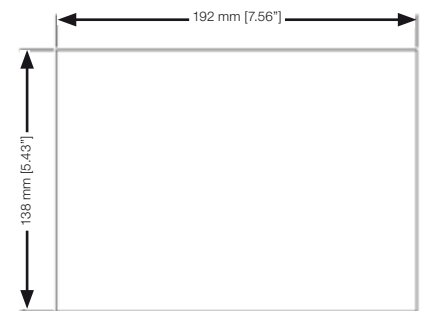
### IHM MT8071iP – 7”



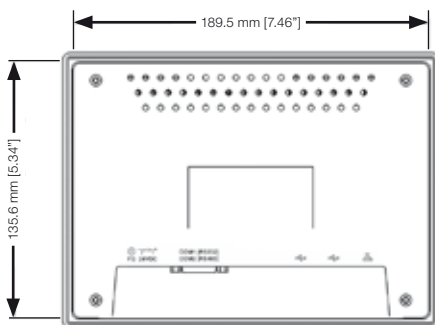
Front view



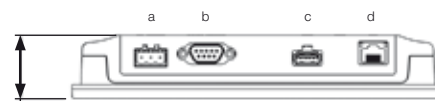
Side view



Panel cutout dimensions



Rear view



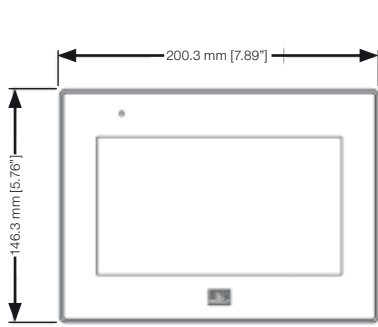
Bottom view

a	Power supply
b	COM1 RS232 4 wires,
	COM2 RS485 2 wires / 4 wires
c	USB Host
d	Ethernet

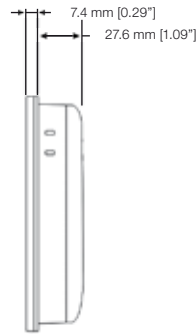
34 mm [1.34"]

## Dimension Drawings

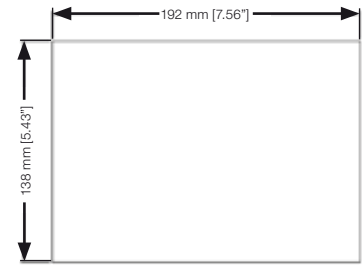
### IHM cMT2078x – 7”



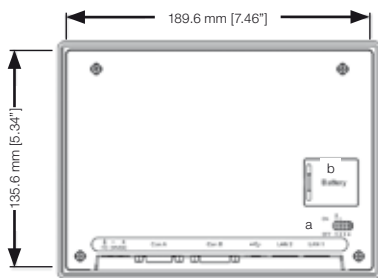
Front view



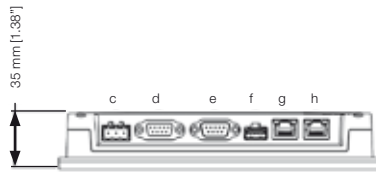
Side view



Panel cutout dimensions



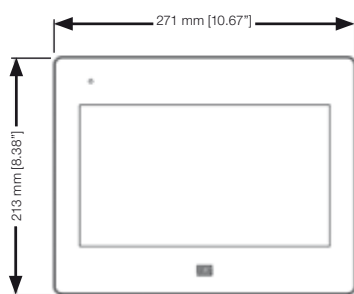
Rear view



Bottom view

a	DIP switch
b	Battery
c	Power supply
d	Con. A: COM2 RS485 2 wires / 4 wires, COM3 RS485 2 wires
e	Con. B: COM1 RS232 4 wires, COM3 RS232 2 wires
f	USB Host
g	LAN 2
h	LAN 1

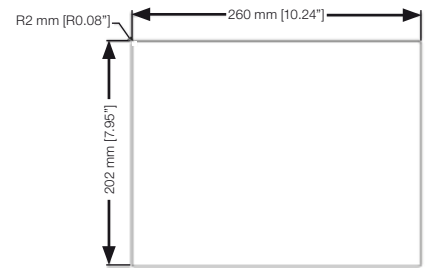
### IHM cMT1106x – 10”



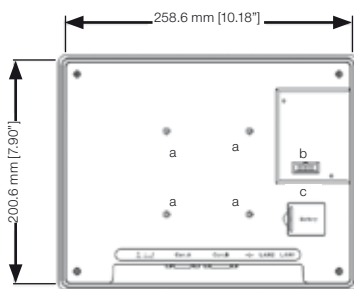
Front view



Side view



Panel cutout dimensions



Rear view

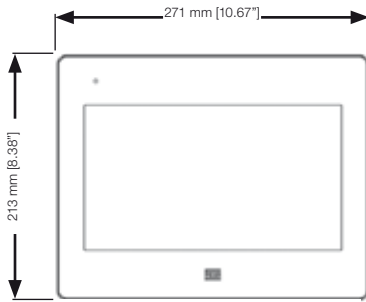


Bottom view

a	VESA 75 standard holes (M4)
b	Wi-Fi module connection
c	Battery
d	Power supply
e	Con. A: COM2 RS485 2 wires / 4 wires, COM3 RS485 2 wires
f	Con. B: COM1 RS232 4 wires, COM3 RS232 2 wires
g	USB Host
h	LAN

## Dimension Drawings

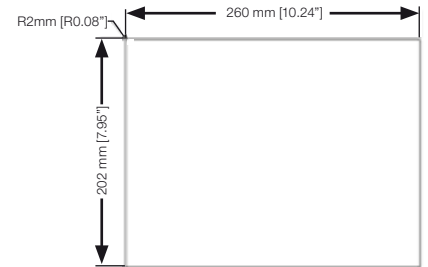
### IHM cMT2108x – 10"



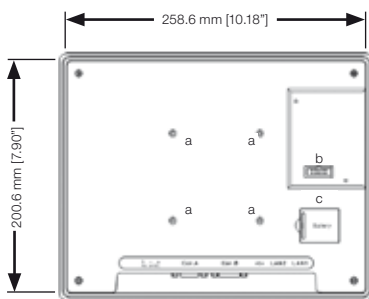
Front view



Side view



Panel cutout dimensions



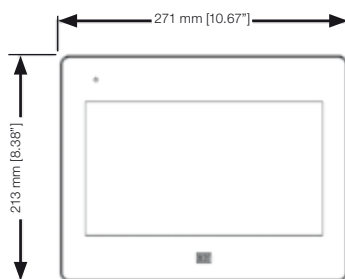
Rear view



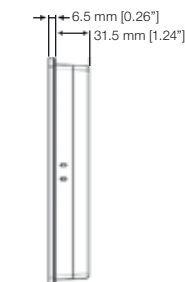
Bottom view

a	VESA 75 standard holes (M4)
b	Wi-Fi module connection
c	Battery
d	Power supply
e	Con. A: COM2 RS485 2 wires / 4 wires, COM3 RS485 2 wires
f	Con. B: COM1 RS232 4 wires, COM3 RS232 2 wires
g	USB Host
h	LAN 2
i	LAN 1

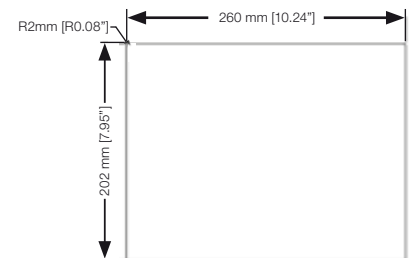
### IHM cMT3102x – 10"



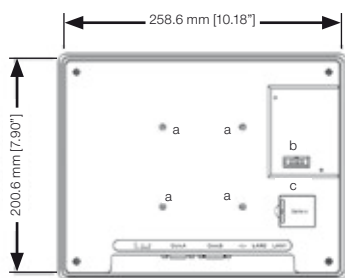
Front view



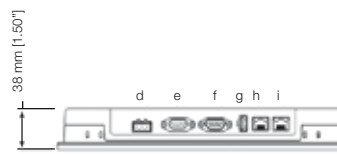
Side view



Panel cutout dimensions



Rear view

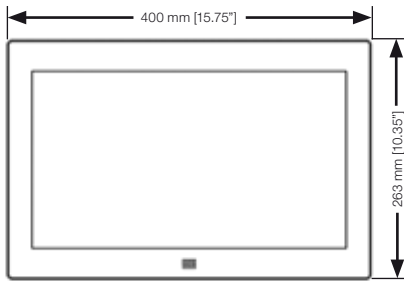


Bottom view

a	VESA 75 standard holes (M4)
b	Wi-Fi module connection
c	Battery
d	Power supply
e	Con. A: COM2 RS485 2 wires / 4 wires, COM3 RS485 2 wires, CAN Bus
f	Con. B: COM1 RS232 4 wires, COM3 RS232 2 wires
g	USB Host
h	LAN 2
i	LAN 1

## Dimension Drawings

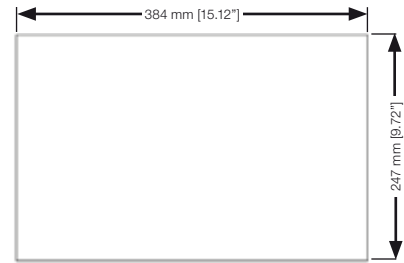
### IHM cMT2166x – 15.6”



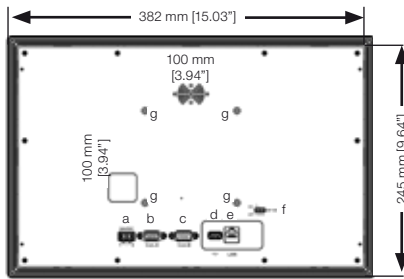
Front view



Side view



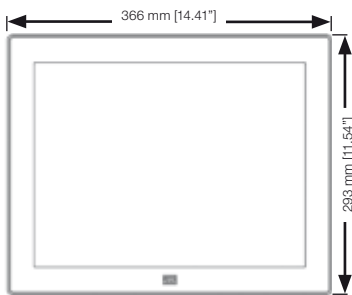
Panel cutout dimensions



Rear view

<b>a</b>	Power supply
<b>b</b>	Con. A: COM1 RS485, COM3 RS485
<b>c</b>	Con. B: COM1 RS232, COM3 RS232
<b>d</b>	USB Host
<b>e</b>	LAN
<b>f</b>	DIP switch
<b>g</b>	VESA 100 standard holes (M4)

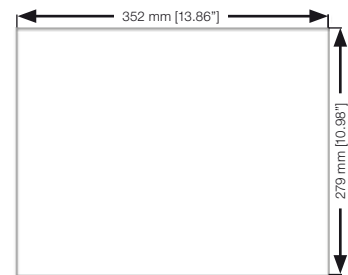
### IHM cMT3152x – 15”



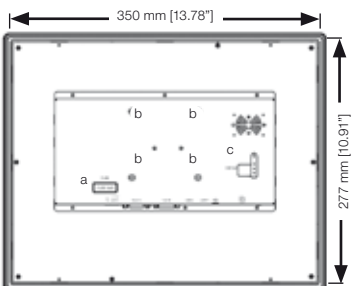
Front view



Side view



Panel cutout dimensions



Rear view

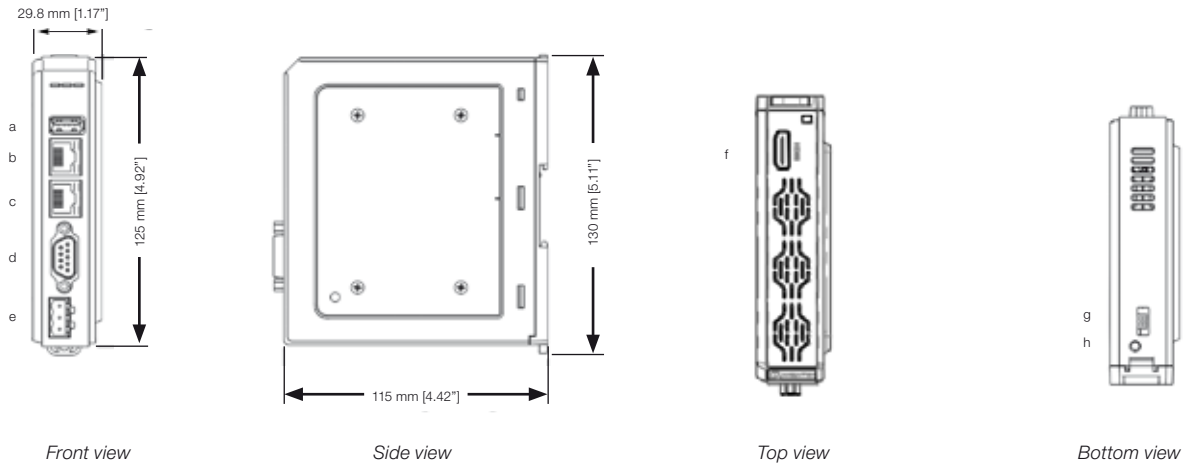


Bottom view

<b>a</b>	Fuse
<b>b</b>	VESA 75 standard holes (M4)
<b>c</b>	DIP switch
<b>d</b>	Power supply
<b>e</b>	Con. A: COM1 RS485, COM3 RS485, CAN Bus
<b>f</b>	Con. B: COM1 RS232, COM3 RS232
<b>g</b>	LAN 2
<b>h</b>	LAN 1
<b>i</b>	USB Host
<b>j</b>	SD Card
<b>k</b>	P2 audio output

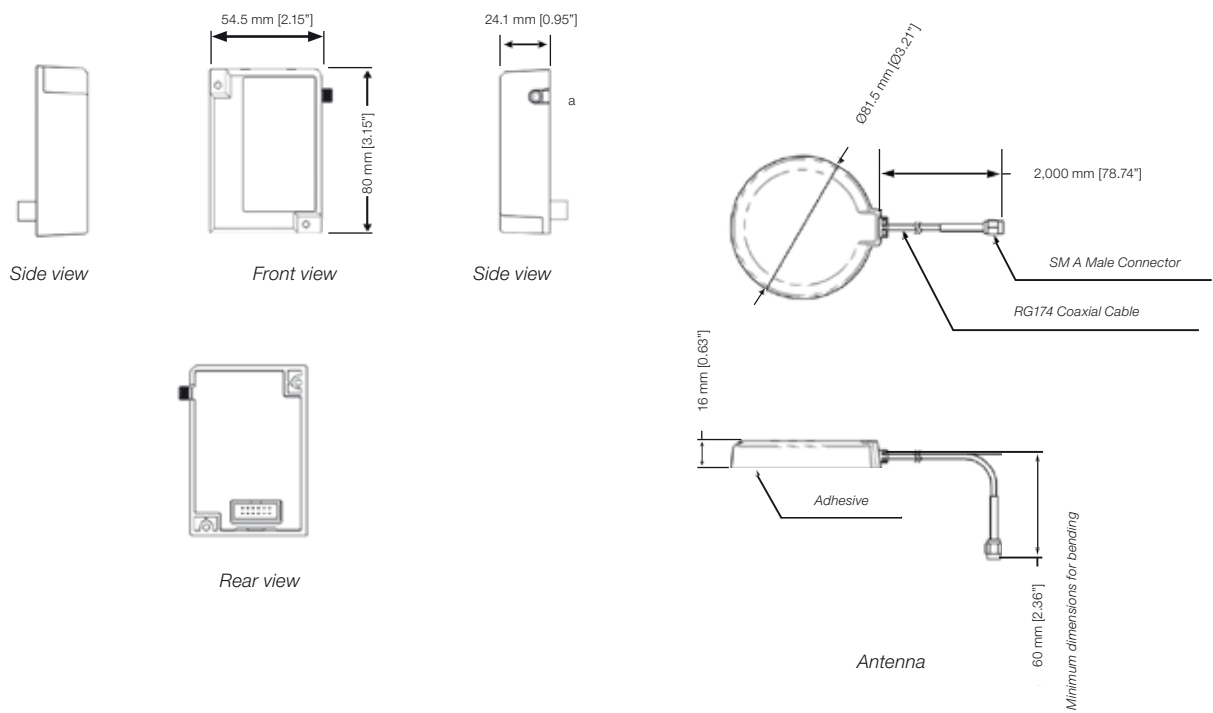
# Dimension Drawings

## IHM cMT-FHDX-820



a	USB Host
b	LAN 2
c	LAN 1
d	COM1: RS232, COM2: RS485 2 wires / 4 wires, COM3: RS485 2 wires
e	Power supply
f	HDMI port
g	DIP switch
h	Reset button

## M02 Accessory - Wi-Fi Module



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The values shown are subject to change without prior notice.  
The information contained is reference values.