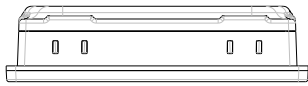# WEINTEK

cMT2058XH

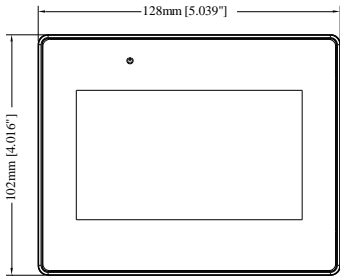## HMI with 4.3" WVA Display

Feature

- 4.3" 800 x 480 Wide Viewing Angle LCD , LED Backlight
- Quad-core CPU with High Performance Dedicated 3D Processor
- Fan-less Cooling System
- Built- in 4GB Flash Memory and RTC
- COM1 / COM3 RS-485 2W supports MPI 187.5K, please use one at a time.
- Built-in Power Isolator
- NEMA4 / IP66 Compliant Front Panel

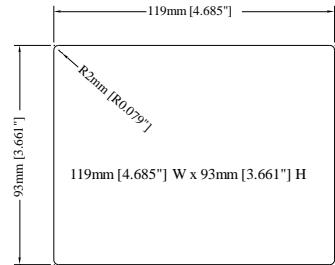|		
Display	Display	4.3" Wide Viewing Angle (WVA)
	Resolution	800 x 480
	Brightness (cd/m^2)	530
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/R/L)	80/80/80/80
	Pixel Pitch (mm)	0.1188 (H) x 0.1122 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	COM1: RS-232/RS-485 2W/4W, COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	510mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	128 x 102 x 32 mm
	Panel Cutout	119 x 93 mm
	Weight	Approx. 0.27 kg
	Mount	Panel mount
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
Certificate	CE	CE marked
	UL	cULus Listed
Software	EasyBuilder Pro	V6.09.01 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)
	CODESYS®	Optional

*CODESYS® is a trademark of CODESYS GmbH.

Dimensions Drawing

Top View

128mm [5.039"]
102mm [4.016"]

Front View

6.7mm [0.264"]
25.3mm [0.996"]

Side View

119mm [4.685"]
93mm [3.661"]
R2mm [R0.079"]

119mm [4.685"] W x 93mm [3.661"] H

Cutout Dimensions

118mm [4.646"]
92mm [3.622"]

COM   LAN2   LAN1

Rear View

ⓐ   ⓑ   ⓒⓓ   ⓔ

32mm [1.260"]
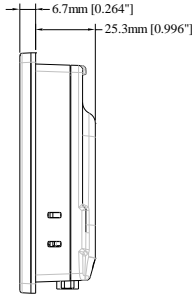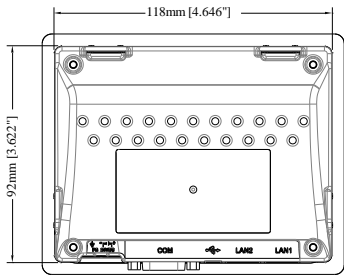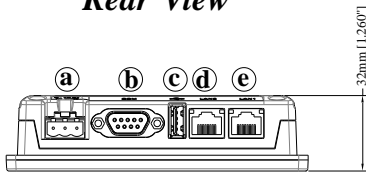
Bottom View

Pin Assignment:
COM1: RS-232/RS-485 2W/4W
COM3: RS-485 2W
9 Pin, Male, D-sub

PIN#	COM1 [RS485]		COM1 [RS232] 2W	COM3 [RS485] 2W
	4W	2W		
1	Rx-	Data-		
2	Rx+	Data+		
3	Tx-			
4	TX+			
5	GND			
6			TxD	
7				Data-
8				Data+
9			RxD	

a	Power Connector
b.	COM1: RS-232/RS-485 2W/4W COM3: RS-485 2W
c.	USB Host Port
d.	LAN 2
e.	LAN 1

Ordering Information

❑ **cMT2058XH:**
   4.3" WVA LCD HMI, 4 GB flash memory / 1 GB DDR RAM on board.
Optional:
   ❑ **RZ0CDS000:** CODESYS License
   ❑ **RZACEA020:** EasyAccess 2.0 Activation Card