

cMT-XMBC

Compact Connection Box



IP66 NEMA4

Key Features

- ▶ Mounted outside the control cabinet, with all terminal connections housed inside
- ▶ IP66-rated protection

Technical Specifications

I/O Port

Cable Connector	1
Wiring Terminal	2

Mechanical

Enclosure	Plastic
Dimensions W×H×D	157.9 × 75.9 × 55.2 mm
Panel Cutout	119.4 × 29.95 mm
Weight	Approx. 0.2 kg
Mount	Use six M4 screws, mounting hole size is 4.6 mm

Environment

Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Side
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Operating Temperature	0° ~ 55°C (32° ~ 131°F)
Relative Humidity	10 % ~ 90 % (non-condensing)
Altitude	3,000 m
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)

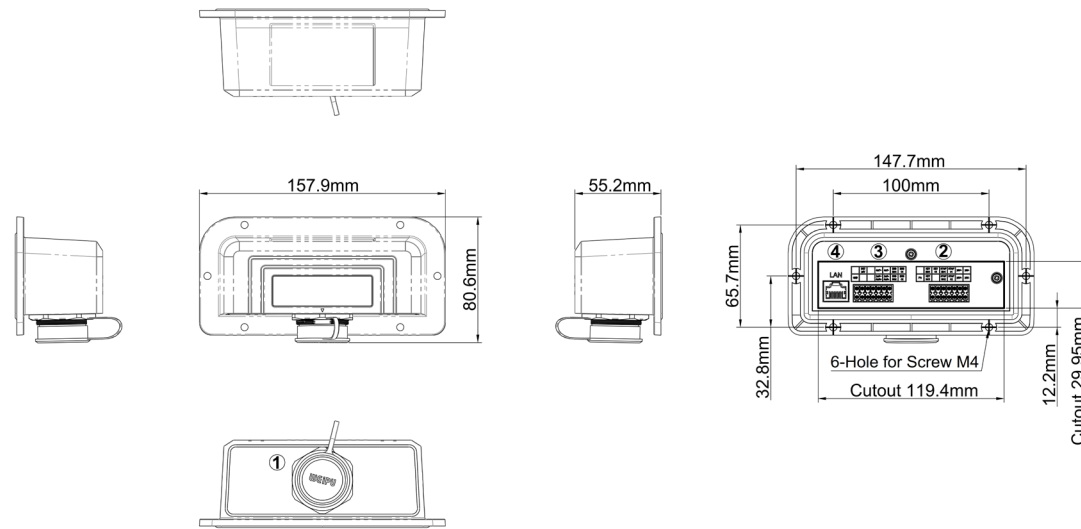
Product Carbon Footprint (kg CO₂e)

Manufacturing Stage (A1-A3)	5
-----------------------------	---

Certificate

CE	CE Marked
UL	cULus Listed

Dimensions



1 Cable Connector

2 Wiring Terminal

3 Wiring Terminal

4 LAN

Wiring Terminal Pin Assignment

3 Wiring Terminal

GND	Detect		RS-485		3-Position Enable Switch	
	DET_24V		4W_TX+	4W_TX-	ENABLE NO_1	ENABLE COM_1
GND			2W_DATA+ 4W_RX+	2W_DATA- 4W_RX-	ENABLE NO_2	ENABLE COM_2

2 Wiring Terminal

Ground	Key Switch		Emergency Stop Switch		24V Power	
	KEY NO_1	KEY COM_1	STOP NC_1	STOP COM_1	24V+	24V-
FG	KEY NC_1		STOP NC_2	STOP COM_2	24V+	24V-

Part Number

☐ **【cMT-XMBC】**

Compact Conneciton Box

☐ **【cMT3106XM06】**

10.1" 1024 × 600 WVA LCD Handheld HMI, Built-in 4 GB Flash / 1 GB RAM, 6 m Cable

☐ **【cMT3106XM10】**

10.1" 1024 × 600 WVA LCD Handheld HMI, Built-in 4 GB Flash / 1 GB RAM, 10 m Cable

☐ **【cMT-XM-ESP】**

E-Stop Bypass Plug