cMT X Comparison *Standard / Advanced*

Product Naming Convention

cMT3##2X(H)

Model Name
cMT X

Model Name
2 Standard Model
3 Advanced Model

Screen Size
07 7"
09 9.7"
10 10.1"
15 15"
16 15.6"

Ethernet Port
1 Single Ethernet Port (Standard)
2 Dual Ethernet Ports (Advanced)
8 Dual Ethernet Ports (Standard)

Resolution
H High Resolution

Features of Advanced Models

Silver Frame

Characterized by distinctive minimalist black design and silver frame that accentuate its well-polished look and superior quality.

CAN Bus

Supports CAN Bus devices that have received general adoption in fields such as vehicles, maritime electronics, aviation, medical equipment…etc

Hardware Specifications

● ○ See next page for software comparison between standard & advanced models ● ○

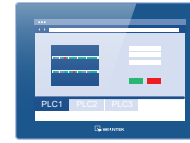|	Standard HMI				Advanced HMI					
Model	cMT2078X	cMT2108X	cMT2158X	cMT3161X	cMT3072X	cMT3072XH	cMT3092X	cMT3102X	cMT3152X	cMT3162X
Display	7" TFT	10.1" TFT	15" IPS	15.6" IPS	7" TFT	7" IPS	9.7" TFT	10.1" TFT	15" IPS	15.6" IPS
Resolution	800×480	1024 x 600	1024 x 768	1920 x 1080	800 x 480	1024 x 600	1024 x 768	1024 x 600	1024 x 768	1920 x 1080
Touch Panel Type	Resistive			Capacitive	Resistive				Capacitive	
Processor	Quad-core 1.5GHz	Quad-core 1.6GHz			Quad-core 1.5 GHz			Quad-core 1.6GHz		
Flash/RAM	4GB/1GB				4GB/1GB					
Wi-Fi	N/A				N/A		With M02 Module		N/A	
USB /SD	USB Host x 1	USB Host × 1 SD × 1	USB Host x 1		USB Host x 1				USB Host x 1 SD x 1	USB Host x 1
Ethernet Port	2 (10/100 Base-T× 2)	2 (10/100/1000 Base-T× 1 ; 10/100 Base-T× 1)		1 (10/100 Base-T× 1)	2 (10/100 Base-T× 2)			2 (10/100/1000 Base-T× 1 ; 10/100 Base-T× 1)		
COM Port	Con. A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con. B: COM1 RS-232 4W, COM3 RS-232 2W*	Con.A: COM1 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*			Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*			Con.A: COM1 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W*		
Audio Output	N/A	Built-in Mono Speaker			N/A	Built-in Mono Speaker	N/A		Built-in Mono Speaker	
Enclosure	Plastic	Aluminum	Front Bezel: Plastic Rear Enclosure: Aluminum		Plastic				Front Bezel: Plastic Rear Enclosure: Aluminum	
Certificate	CE				CE / cULus		CE		CE / cULus	

*Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

Software Specifications

Item	Standard HMI	Advanced HMI
64-bit Data Type	●	●
3G/4G Dongle	●	●
Ethernet Printer	●	●
Web Interface (EasyWeb)	●	●
WebView	●	●
Action Trigger	●	●
BACnet Schedule	●	●
Event Bar Chart		●
Media Player	●	●
PDF Reader	●	●
USB/IP Camera	●	●
Barcode Scanner (Android)		●
PLC Web Browser		●
Support MQTT Cloud Service*	●	●
OPC UA Client	●	●
OPC UA Server		●
Energy Demand Display/Setting		●
Database Server		●
SQL Query		●
CAN Bus Driver		●
SIEMENS MPI Driver		●

*Integrated with AWS IoT, Sparkplug B, Azure IoT Hub, Google Cloud IoT Core

Advanced Models – Exclusive Features

- PLC Web Browser

- OPC UA Server

- Barcode Scanner (Android)

- Energy Demand Display/Setting
  - Event Bar Chart

- Database Server
  - SQL Query

- Supports SIEMENS MPI Driver
  - Supports CAN Bus Driver

Selected Models – Exclusive Features

● Gesture Control: cMT3152X / cMT3161X / cMT3162X

● CODESYS Support: cMT X Series excluding cMT3161X

● Built-in EasyAccess 2.0: cMT3092X / cMT3152X

● With M02 WiFi Expansion Module: cMT3102X