



MTT X Series

Fast x Smart x Reliable



cMT X Series

Full Featured Smart HMI

The cMT X Series goes beyond its outstanding performance by integrating innovative features such as data integration, mobile monitoring, and cloud services. It's the smart HMI you need.

✓ **Performance**

Quad-core CPU

✓ **Display**

178° Wide Viewing Angle

✓ **Capacity**

4GB Flash / 1GB RAM

✓ **Connectivity**

400+ Communication Drivers



Premium Protection⁺



Power Isolation



PCB Coating



NEMA4/ IP66



CE / UL Certification

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Solution 01

EasyBuilder Pro - Efficient HMI Editing Software

Download EasyBuilder Pro for free and easily create your unique HMI interface. User-friendly and intuitive editing interface makes it simple for beginners to pick up quickly.

**Ribbon Style**
Intuitive ribbon-style toolbar for easy setup.

**Combo Button**
Multiple action settings and triggers with one click.

**Window Tree**
Clear project management with layered view.


**JS-related**
JavaScript object support and Web API integration.


**Trigger Condition**
If / else conditions by HMI addresses.


**Picture Libraries**
Built-in library with 2,000+ pictures.





EasyBuilder Pro not only includes essential HMI editing features but also introduces a range of powerful advanced tools for practical applications:


**Advanced Security Mode**
Log in via RFID and fingerprint to enhance access security.

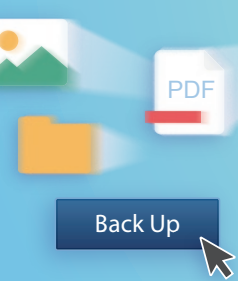
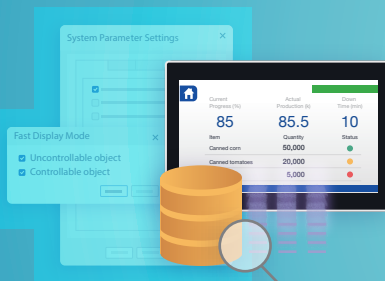
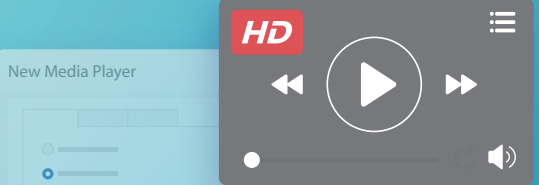
**Multimedia Support**
Watch IP/USB Camera feeds on HMI or use Media Player to play HD videos on HMI.

**Fast Display Mode**
Objects cache data for quick display after window switches.

**Data Processing**
Synchronize historical data of Data Log, Event Log, and Operation Log to an external database to ensure data integrity.

**File Transfer and Access**
Use FTP server access to send various files and screenshots on the HMI to the server, or download PDF files, images, and videos from the server to view on the HMI.

**Web Browser**
Access the webpages of a PLC, a controller, or an embedded device to adjust its system parameters or monitor its status.



Solution 02

Data Integration - Support Diverse Industrial Protocols

The cMT X Series supports over 400 PLC drivers and IIoT protocols. It enables seamless data integration for the field devices.



Industrial Protocol Integration

Break barriers in communication and improve data exchange efficiency.

The cMT X Series supports:
OPC UA protocol
Modbus TCP/IP protocol
BACnet protocol



MQTT Cloud Integration

Support the lightweight MQTT protocol for quick IIoT device connectivity.

Download EasyBuilder Pro to connect to:
AWS Cloud Platform
Azure Cloud Platform



Database Integration

Support database integration to streamline field data into IT systems.

Compatible with databases:
MySQL
MS SQL
MariaDB
Azure SQL

Solution 03

Mobile Monitoring - Stay Updated Anytime

Weintek offers three monitoring methods: cMT Viewer, WebView, and VNC Viewer. Users can choose the suitable tool to easily track the status of the devices.



VNC Viewer

- Screen mirroring
- Use VNC Client App



WebView

- Screen mirroring
- Use web browsers such as Chrome or Safari



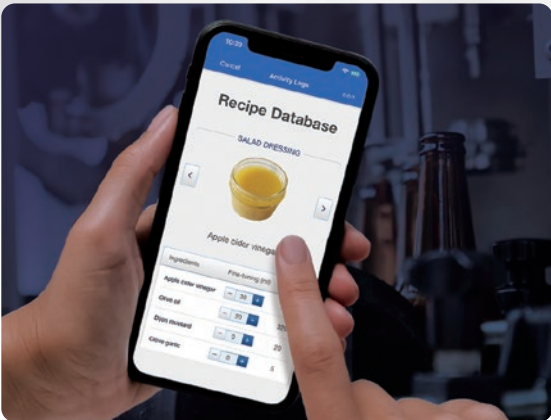
cMT Viewer App

- Simultaneous multi-screen control
- Use electronic devices to access the cMT Viewer App
- Support one-to-many devices (up to 50) and multi-user-to-one monitoring
- Exclusively support HMI control function



Three Mobile Monitoring Methods

See the Comparison Chart »



Solution 04-1

Weincloud - Dashboard

Weincloud includes Dashboard, a cloud service, and EasyAccess 2.0, a remote connection tool. Track and maintain field equipment anytime, even from a distance.

Visualized Numerical Data

- Integrate data from multiple HMIs
- Display clear production process
- Provide assistance in decision-making

Intuitive User Interface

Create custom dashboards quickly with a variety of widgets by drag-and-drop function.

Real-time Data Display

- Present real-time production status
- Assist in efficient issue solving



Dashboard

The Dashboard provides a bird's-eye view of on-site data. Managers can oversee field condition anytime, anywhere through a web browser or mobile apps.



6 Steps to Deploy

Free from the need for equipment installation. Reduce system integration effort.



Data Encryption

Protect all data transmissions with SSL/TLS encryption.



Data Backup and Synchronization

Support data caching to prevent loss.



Solution 04-2

Weincloud - EasyAccess 2.0

Remotely access on-site HMI or PLC in real time via VPN to troubleshoot equipment issues without delay.



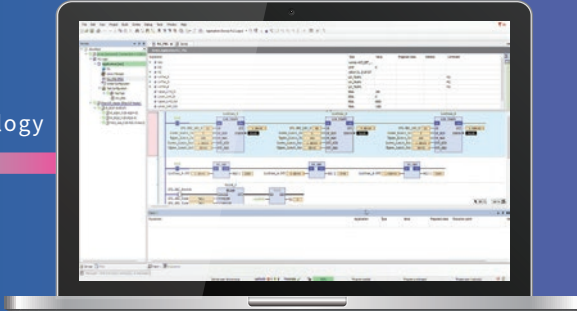
EasyAccess2.0

PLC Pass-through



P2P Technology

Remote HMI/PLC pass-through to synchronize adjustments



Push Notifications via EasyAccess 2.0, Messenger, Telegram, and WeChat



Solution 05

WiFi Expansion Module – Wireless Network Solution

This WiFi module offers flexible networking options, ideal for mobile equipment and hard-to-wire environments.



cMT X Series + M02 WiFi Module



*See the spec table for supported models.



Magnetic External Antenna
Install at the location with optimal signal.



WiFi Support
Support WiFi standards, IEEE 802.11b/g/n.



Compact Design
Minimize protrusion when installed on the HMI, avoiding space issues in control cabinet installation.



Modular Design
Add wireless network for HMIs to help overcome wiring obstacles.

Solution 06

Large-Size HMI

Enhanced display clarity enables faster decisions by showing more data on a single screen.

Smooth 1920×1080 visuals and a premium aluminum housing deliver powerful hardware-software performance in one package.



21.5-inch HMI



Portable Operation

Adjust control commands instantly within cable range (6, 10, or 20 m*¹).



Safety Mechanism

Three built-in switches enhance operational safety.



Flexible Mounting

Standard and compact connection box options meet various installation needs.

*¹ 20 m cable is available as a custom option. Contact your sales representative for details.

Solution 07

Handheld HMI

Designed for large factories with multiple stations. Install a connection box at each station and plug in the handheld HMI to operate target equipment at any time.

Connection Box



Handheld HMI

Solution 08

Headless HMI

With the panel removed, the HMI body becomes lighter and slimmer. It's easier to install in control chassis and compatible with various screen sizes.

cMT-FHDX-820

Supporting audio and video output via HDMI, its size and resolution are not limited by current HMI offerings. Its software features are comparable to those of cMT X Advanced.



cMT-SVRX-820/822

The latest server-type HMI is the perfect manifestation of the cMT X architecture, and the cMT Viewer App is required for mobile monitoring.

* Wireless models cMT-SVR-200 / cMT-SVR-202 are also available for comparison and selection

cMT X Series Model Types

Standard

Enhanced for smart applications

The cMT X Standard features video streaming and mobile monitoring, along with advanced EasyBuilder Pro objects to meet diverse application needs.

Advanced

All-around smart HMI

The cMT X Advanced offers the most comprehensive HMI and EasyBuilder Pro features. It supports various IIoT protocols, and excels in cross-platform data integration.

Handheld HMI

Freedom to operate on the move

Handheld HMI breaks free from fixed setups, allowing movement within cable range for on-site parameter adjustment—ideal for multi-station monitoring.

Headless HMI

Going beyond size boundaries

Headless HMI works independently without a screen and can be monitored on apps or on external screens of various sizes.



Naming Convention

cMT 3 07 2 X * ()

Series Name	cMT X	Category	2 Standard 3 Advanced	Screen Size	05 4.3 " 12 12.1 " 07 7 " 15 15 " 09 9.7 " 16 15.6 " 10 10.1 " 21 21.5 "	Ethernet Port	2 Dual Ethernet Ports 6 Single Ethernet Port 8 Dual Ethernet Ports	1~9 Appearance Difference H High Resolution P Projected Capacitive Touch (PCAP) T Wide Temperature M Mobile Handheld HMI	(R) Built-in RFID (L) High Brightness (W) HTML5 Web Panel (IV) Built-in cMT Viewer
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