



A HMI x PLC Solution. Features include:

- No hardware modification required
- CODESYS PLC compliant with IEC61131-3
- Easy to start and program

Hardware

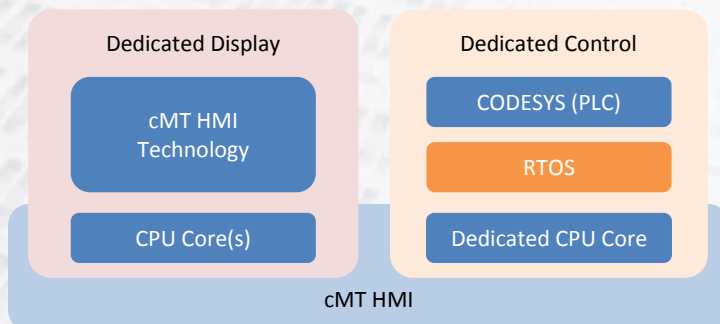
Ethernet interfaces	1 x 10/100/1000-BaseT (LAN1)
CAN bus	1 x CAN bus

Storage/Memory

Data, Input, Output, Memory, Code	3 MB
Retain area (Data persists after reboots)	16 KB (Data is saved every 1 minute)
Persistent area (Data persists after downloads)	16 KB (Data is saved every 1 minute)
File system	8 MB

Software

cMT x CODESYS Innovative Architecture



- Supports all cMT features
- Dedicated resources for two systems (HMI & PLC logics)
- High performance PLC running on a real-time OS (RTOS)
- Supports CANopen, MODBUS TCP/IP, and EtherCAT Remote IO modules

PLC Runtime	CODESYS Control for Embedded Systems
Protocol	MODBUS TCP/IP Master EtherCAT Master* CANopen Manager*
No. of MODBUS TCP/IP Slaves	32 stations per master
No. of CANopen Slaves	126 stations per master
No. of EtherCAT Slaves per master (*)	65535 stations per master
CODESYS programming/communication channels	8 (CODESYS runtime version 20210708 or later)
CODESYS SoftMotion	N/A (Weintek library contains motion control commands)
CODESYS WebVisu/TargetVisu/HMI	N/A (cMT HMI does provide more functionalities)
Runtime login/monitor/download	Utility Manager (Download only) Login to PLC via LAN1 Login to PLC via LAN2 (TCP only) (OS 20181211 or later)

PLC Development tool	CODESYS V3.5 SP10 Patch 3 or later
HMI Development tool	EasyBuilder Pro V6.00.02 or later
HMI Driver	Weintek Built-in CODESYS CODESYS V3(Ethernet)

Supported HMI Model and OS Version

HMI Model	OS Version
cMT3071	All versions
cMT3072	20180426 or later
cMT3090	20180410 or later
cMT3151	20180426 or later
cMT2078X, cMT2108X, cMT2158X	All versions
cMT3072X, cMT3072XH	20201225 or later
cMT3092X, cMT3102X, cMT3152X, cMT3162X, cMT-FHDX-220	All versions

Ordering Information

Order No.	License
RZ0CDS000	CODESYS activation card/license Sticker

* CODESYS firmware 20200401 or later supports EtherCAT Master.

*cMT2078X, cMT2108X, cMT2158X are not equipped with CAN bus port; therefore, CANopen Manager is not supported in CODESYS.

For detailed activation steps and documents, please go to [our website](#) or contact us.

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