

## **CODESYS Firmware**

### **Version: 20240507**

Please use with “CODESYS & Remote IO Package” 1.5.3.470 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

1. Fixed an issue where CODESYS activation status cannot be displayed correctly on cMT-FHDX and cMT-SVRX.
2. Fixed communication issues that occur when the number of MODBUS slave devices exceeds 14.
3. Optimized CODESYS LOG feature to improve system diagnostic capabilities.

## **CODESYS Firmware**

### **Version: 20230204**

Please use with “CODESYS & Remote IO Package” 1.4.0.435 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

- 1.** Added support for EtherNet/IP.
- 2.** Added support for Recipe Manager.
- 3.** Added SysFileCopy() support for all current models.
- 4.** Added support for new library functions.

### CODESYS Firmware

#### Version: 20220818

Please use with “CODESYS & Remote IO Package” 1.2.0.400 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

1. Increased the available CODESYS programming/communication channels to 12.
2. Fixed an issue where the CODESYS runtime in cMT-CTRL01 might go into error state if its program attempts to access I/O data without I/O being physically attached.

#### Version: 20220407

Please use with “CODESYS & Remote IO Package” 1.2.0.400 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

1. ~~Increased the available CODESYS programming/communication channels to 12.~~
2. Fixed an issue where CODESYS system clock (SysTimeRtc) runs a little slower.

#### Version: 20210913

Please use with “CODESYS & Remote IO Package” 1.0.0.319 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

1. Increased the available CODESYS programming/communication channels to 8.

#### Version: 20210119

Please use with “CODESYS & Remote IO Package” 1.0.0.311 or later.

For cMT-CTRL01, please use with “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

1. Added support for  
cMT X Standard: cMT2078X, cMT2108X, cMT2158X  
cMT X Advanced: cMT3072X, cMT3072XH, cMT3102X
2. Added SysFileCopy() function to copy file from/to external device (SD card, USB disk).
3. Optimized iBus Data Exchange mechanism for cMT-CTRL01.
4. Added iBus Read/Write function for cMT-CTRL01.

#### Version: 20200731

Please use with “CODESYS & Remote IO Package” 1.0.0.280 or later.

1. Added support for cMT-FHDX.
2. Added a mechanism for software update to prevent installation of CODESYS Firmware versions that are not applicable.

### Version: 20200401

Please use with “CODESYS & Remote IO Package” 1.0.0.255 or later.

1. Added support for EtherCAT Master.

### Version: 20191206

Please use with “CODESYS & Remote IO Package” 1.0.0.235 or later.

1. Fixed an issue where CODESYS Trace cannot be used via HMI’s Ethernet port.

### Version: 20191025

Please use with “CODESYS & Remote IO Package” 1.0.0.231 or later.

1. Optimized response time for cMT-CTRL01.
2. Fixed an issue where, under certain circumstances, unwanted broadcast commands are sent when the device is connected by EasyBuilder Pro’s on-line simulation.

### Version: 20190701

Please use with “CODESYS & Remote IO Package” 1.0.0.207 or later.

1. Added support for cMT-CTRL01.
2. Fixed an issue where Modbus does not work when LAN 1 is not connected via an Ethernet cable.

### Version: 20181218

Please use with “CODESYS & Remote IO Package” 1.0.0.186 or later.

1. Optimized system performance.
2. Fixed runtime issues that might lead to system crashes.

### Version: 20180807

Please use with “CODESYS & Remote IO Package” 1.0.0.138 or later.

1. Improved system stability.

### **Version: 20180331**

Please use with “CODESYS & Remote IO Package” 1.0.0.95 or later.

1. First cMT+CODESYS release.