CODESYS & Remote IO Package

Version: 1.5.3.527

1. Compatible with CODESYS Firmware version 20250724.836.

Version: 1.5.3.516

1. Added support for PROFINET Controller Library 3.5.12.

Version: 1.5.3.510

1. Compatible with CODESYS Firmware version 20241206.820.

Version: 1.5.3.500

1. Increased storage and memory space:
   Data, Input, Output, Memory, Code: Increased from 3 MB to 5 MB
   Retain area (retains data after restart): Increased from 16 KB to 32 KB
   Persistent area (retains data after download): Increased from 16 KB to 32 KB
   File system: Increased from 8 MB to 12 MB
2. Increased the number of available CODESYS programming/communication channels to 16.

Version: 1.5.3.470

1. Drivers for the devices listed below are included in this package:

Device	Version
CANbus	3.5.15.0
CANopen manager	3.5.15.0
Ethernet adapter	3.5.15.0
Ethernet IP Scanner	3.5.15.50
Modbus TCP master	3.5.15.0
EtherCAT master	3.5.12.0

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Release Notes

CODESYS & Remote IO Package

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Version: 1.4.0.435

1. Added support for CODESYS Recipe Manager
2. Added support iR-ECAT v1.04
3. Updated Weintek CODESYS Library to v1.0.0.8。

- New FUN:

  RetainSave_Weintek

- New FB:

  First_Cycle

  RetainSave_Sync_Weintek

  ETN_PU_DI_Counter_Restart

  ETN_PU_DI_Counter_Mode

  COP_PU_Counter_Restart

  COP_PU_Counter_Mode

  ECAT_PU_Counter_Restart

  ECAT_PU_Counter_Mode

  CTRL_PU_Counter_Restart

  CTRL_PU_Counter_Mode

- New parameters:

  AXIS_REF_LITE

  eAXIS_Drive_Manufacturer

- Mapping type of MC_TorqueControl changed to Union

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CODESYS & Remote IO Package

Version: 1.3.0.425

1. Added support for use with CODESYS 3.5.18.30 (64-bit).

Version: 1.2.0.400

1. Added iR-PU01-P description file v1.0.3.0.

Version: 1.1.0.319

1. Updated “Weintek CODESYS Library” to 1.0.0.7

   Added Function Block:

   ETN_PU_DI_Counter_Value
   ETN_PU_DI_Counter_Setting
   COP_PU_Counter_Setting
   COP_PU_Counter_Value
   ECAT_PU_Counter_Setting
   ECAT_PU_Counter_Value
   ETN_PU_Capture_Setting
   ETN_PU_Capture_Setting
   ETN_PU_Gear_Setting
   Accumulation_Timer
   Accumulation_Timer_S
   CTU32
   CTD32
   CTUD32

Version: 1.0.0.311

1. Updated “Weintek CODESYS Library” to 1.0.0.6

   Added Function Block:

   MC_TorqueControl (only applicable to EtherCAT/CANopen slave driver)

   Added Array & DUT Indirect Access to Function Blocks:

   Read_Symbol
   Write_Symbol

2. Added “Weintek iBus Library” 3.5.10.0 to support cMT-CTRL iBus Read/Write function.

   Added Function Blocks:

   iBus_Info_Read
   iBus_PU_Read
   iBus_PU_Write
   iBus_Reg_Read
   iBus_Reg_Write

   “Weintek iBus Library 3.5.10.0” works with

   “CODESYS Firmware” 20210119.520 or later
   “CTRL Embedded iR Coupler Firmware” 1.02.0 or later.

3. Updated cMT-CTRL EDS file to support iBus Scan function.
4. Added supported driver to “Weintek_Axis_Template”.

   EtherCAT Driver:

   Mitsubishi MR-J4, MR-J5, MR-JET
   Panasonic A6

   CANopen Driver:

   Panasonic A6

Version: 1.0.0.280

1. Added support for Network Variable Object for cMT-CTRL01.
2. Added Function Blocks:

   MC_Cam_weintek
   ETN_PU_AddPosition_Unit
   ETN_PU_Axis_Setting
   ETN_PU_DI_Filter
   ETN_PU_DI_Setting
   ETN_PU_DO_Abort_Option
   ETN_PU_DO_Setting
   ETN_PU_Home_Setting
   ETN_PU_Max_Setting
   ETN_PU_Motion_Config
   ETN_PU_Motion_DIO_Setting
   ETN_PU_Pulse_Method
   ETN_PU_Pulse_Out_Unit
   ETN_PU__Setting
   ETN_PU_SDO

Version: 1.0.0.255

1. Added support for EtherCAT related devices.
2. Added support for CAM function and related parameters for iR-PU01-P.

Version: 1.0.0.235

1. Expanded allowable number of modules to 16 modules.
2. Added restriction to changing parameters online.

Version: 1.0.0.231

1. iR-DI16-K, iR-DM16-P, iR-DM16-N: Added filter settings.

Version: 1.0.0.229

1. Added cMT-CTRL01 description file.
2. Added Motion Control Function Blocks (FB) for use with iR-PU01-P.
3. Updated iR-COP EDS file (1.3) to support iR-PU01-P.