

User Manual

# cMT+CODESYS and Remote I/O Quick Start

Guide

This is a step-by-step instruction on how to set up cMT+CODESYS and Remote I/O.

V1.01



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Software version: CODESYS V3.5 SP10 Patch 3



# **1** Installing Weintek Built-in CODESYS

Installing Weintek Built-in CODESYS allows users to easily create a cMT+CODESYS project in CODESYS software. Please find the Package file we prepared and follow these steps for quick installation.

**1.** First, get a copy of CODESYS Package file.



2. On your PC, right-click the mouse button and select [Open with CODESYS Package Manager].

Open with CODESYS Package Manager	
Open with	
Share with	►
Restore previous versions	
Send to	×
Cut	
Сору	
Create shortcut	
Delete	
Rename	
Properties	

 Select Complete Setup or Typical Setup (you may select any of these setup types since the components used by Weintek Built-in CODESYS exist in both types.)

🗊 Installation - Choose Setup Type	×
Weintek Built-in CODESYS [2018.1.24] Please select the type of setup you would like to perform.	WEINTER
<ul> <li>Complete setup         All package components will be installed.         Typical setup             The most commonly used package components will be installed.     </li> </ul>	
Cancel < Back Next >	Finish

4. Click [Next] when seeing the following message.



Installation - Setup Completed	<b>×</b>
Weintek Built-in CODESYS [2018.1.24]	WEINTEK
The package has been successfully installed. Click Finish to exit the wizard or Net the summary.	xt to see
Cancel < Back Next >	Finish

5. The installed component will be shown in the installation summary.

🗊 Installation - Summary	×
Weintek Built-in CODESYS [2018.1.24] Installation summary	WEINTER
Summary:	
Device description (1)	
Component/DeviceDescription/Weintek-Cortex-embedded.devde	esc.xml: Iter
4	
Cancel < Back Next >	Finish



# 2 Connecting cMT CODESYS

#### 2.1 Connecting Through Network

- 1. Connect cMT model's LAN 1 port with a router or PC.
- 2. Tap Start button to open HMI system settings window.



**3.** Open CODESYS page and find the IP address. By default, DHCP is used and it will automatically obtain an IP address.

Setting	c	ODESYS
System setting	Activation status	Activated (QA0000021
Information	CODESYS status	start
III CODESYS	Application status	start
General	Login status	logout
	Ethernet(LAN1)	
Network	IP address	192.168.2.105
<b>9</b> Time/Date	Subnet mask	255.255.252.0
•	Gateway	192.168.1.254
2 HMI Name	Mac address	00:0c:26:0f:e3:3b
	Version	20180516

#### 2.2 Creating CODESYS Project

 Launch CODESYS V3.5 and click [File] » [New Project], and then select [Standard project]. Enter the project name in Name filed, browse for the location, and then click [OK] to leave.





🖹 New Proje	ect				<u> </u>	ĸ
Categories	:	Templates:				
Lib	raries ojects	•				
		Empty project	HMI project	Standard project	Standard project w	
		Standard				
		project w				
A project co	ontaining one device, on	e application, and an	empty implemen	tation for PLC	PRG	
Name:	cMT3090c					
Location:	C:\Users\user\Docume	ents			▼	
				ОК	Cancel	

 Select Weintek Built-in CODESYS. CODESYS software provides 6 languages that can be selected in [PLC\_PRG in:] drop-down list as shown below. Structure Text (ST) is used as an example in this manual.

Standard Project								
	You are about to create a new standard project. This wizard will create the followi objects within this project: - One programmable device as specified below - A program PLC_PRG in the language specified below - A cyclic task which calls PLC_PRG - A reference to the newest version of the Standard library currently installed.							
	Device:	Weintek Built-in CODESYS (Weintek Labs., Inc.)	•					
	PLC_PRG in:	Structured Text (ST)	-					
		Continuous Function Chart (CFC) Continuous Function Chart (CFC) - page-oriented Function Block Diagram (FBD) Ladder Logic Diagram (LD) Sequential Function Chart (SFC) Structured Text (ST)						

 Double-click on Device (Weintek Built-in CODESYS) to open the settings window.



Devices	•	Д	×
□- 👔 cMT3090c			
🖃 🚮 Device (Weintek Built-in CODESYS)			
🖮 🗐 PLC Logic			
🖹 🔘 Application			
📲 🎁 Library Manager			
PLC_PRG (PRG)			
😑 🌃 Task Configuration			
😑 🍪 MainTask			
PLC_PRG			

Device X								
Communication Settings	Scan Network	Gateway 👻	Device 👻					
Applications		_						1
Backup and Restore								
Files	-						•	
Log			Gateway-1	Gateway	-	VB		- -
PLC Settings			IP-Address: localhost					
PLC Shell			Port:					
Users and Groups			1217					
Task Deployment								
Status								
Information								

4. Open Scan Network tab, CODESYS software will start searching for the CODESYS devices on the same network. Select the desired device and then click [OK] to leave. The last two IP address parts (between dots) are converted into HEX digits and shown in this window. For example, if the IP address of the CODESYS device is 192.168.2.118, please select *HMI Name[0276]*.

Gateway-1 (scanning) Gateway-1 (scanning) GMT-00 [026A] CMT-BB28-ted [0209] CMT-DD6A [0241] CMT-DD87 [023A] CMT-E6C6 [0243] CMT-E6C8 [025E]	Device Name:       Scan netw         Gateway-1       Wink         Driver:       TCP/IP         IP-Address:       localhost         Port:       1217
--	---

5. The project will connect the selected device.



 Gateway	
Gateway-1 👻	[0276] (active) 🗸
IP-Address: localhost	Device Name: cMT-E33B
Port: 1217	Device Address: 0276
	Target ID: 16BF 0001
	Target Type: 4096
	Target Vendor: Weintek Labs., Inc.
	Target Version: 3.5.10.30

# Note

IP address of the device can be entered in the field shown below.

Gateway			
Gateway-1		-	192.168.2.118 👻
IP-Address: localhost			Press ENTER to set active path
Port: 1217			



# **3** Creating EasyBuilder Project

\*Please use EasyBuilder Pro v6.00.02 build 20180410 or later versions.

#### 3.1 Creating Tags

 Create several tags in PLC\_PRG tab and make tag "test" accumulate automatically.



#### 3.2 Exporting Tag

 Right-click on Application in Devices tree and then select [Add Object] » [Symbol Configuration], use defaults.

Include Comments in XN	1L
Support OPC UA Feature	es
(recommended, but may	r trigger download)
Client side data layout	
Compatibility Layout	
Optimized Layout	

2. Find PLC\_PRG, select the variables to be exported, and then click [Build].

Symbols	Access Rights	Maximal	Attribute	Туре	Members	Comment
🗉 🔲 📄 Constants						
🗉 📃 📄 IoConfig_Globals						
🖮 🔽 📄 PLC_PRG						
🔽 read	<b>*</b>	St.		BOOL		
🐨 📝  	**>	St.		INT		
📝 🔷 write	<b>*</b>	St.		BOOL		

**3.** Select [Build] » [General code], the \*.xml file can be found in the directory of the project.



# 3.3 Configuring EasyBuilder

1. Create a project and select Weintek Built-in CODESYS in the device list.

ystem Parameter Settings									
Extended Men	iory	Cellu	lar Data Network		Time Sync./D	DST	e-Mail	Reci	pes
Device	Mod	lel	General		System Setting		Remote	Secur	ity
Device list : What's my IP?									
No.		Name			Location	Addre	ess type		Inte
🗆 Local HMI		Local H	нмі		Local	cMT3	090 (768 x 102	24)	-
Local F	LC 4	Weinte	k Built-in CODES	SYS	Local	Weint	tek Built-in CO	DESYS	-

2. Open Tag Manager and click 🥙 , and then click [Import Tag] to import

the \*.xml file built in preceding steps.

Variable List Name : TagTable		Find : Q	
Symbols Data	Verifying Tags with device Import Tags	Ce Description	

3. The CODESYS tags can now be found in Tag Manager.



viy Application	Variable List						
□- Application	Name :	TagTable	~		Find :		
TagTable	0)	6 🏼 🖉	88 U1				
		Symbols		Data Type	Scan Rate (s)	Binary Access	Online
	EF Ta	g					
		- 🔽 Application.Pl	LC_PRG.read	BOOL	Default	FALSE	2 Nonc
		Application.Pl	LC_PRG.test	INT	Default	FALSE	🗶 None
		Application.Pl	LC_PRG.write	BOOL	Default	FALSE	🗶 None
			m				F
mport Status			m				Þ
mport Status Imported tag information succ 0 warning(s)	essfully.		m				•

 Create a Numeric object and use "Application.PLC\_PRG.test" for address. After downloading the project to HMI, "test" tag data can be found.



# 4 Connecting cMT CODESYS to iR-COP

- Right-click on Device (Weintek Built-in CODESYS) and then select [Add Device].
- 2. Select [CANbus] » [CANbus], and then select [Add Device].

🕽 Add Device 🗾 🔀							
Name: CANbus							
Action: Append device      Insert device      Plug device      Update device							
Enter a string for a fulltext search in all devices Vendor: <a>(All vendors&gt;)</a>							
Name	Vendor	Version	Description				
Fieldbusses			E				
CANbus	3S - Smart Software Solutions Gmb	H 3.5.10.0	Needed for all fieldbusse				
MetX CANbus	3S - Smart Software Solutions Gmb	H 3.5.10.0	CANbus on a netX device				
B Brand EtherCAT							
🗉 🕮 Ethernet Adapter			-				
· · ·			÷.				

3. CANbus (CANbus) can be found in Devices tree.



- Double-click on CANbus (CANbus) with the current window opened in Devices tree, or right-click on CANbus (CANbus) and then select [Add Device].
- Click [Fieldbusses] » [CANopen] » [CANopen Manager] » [CANopen Manager], and then select [Add Device].

Add Device						
Name: CANopen_Manager						
Action:						
Append device	e 🔘 Plug device	© Uŗ	odate device			
Enter a string for a fulltext search in all devices Vendor: <a>All vendors&gt;</a>						
Name		Vend	or	Version	Di 1	
🖃 🕤 Fieldbusses						
CANopen					=	
CANopenManager		_				
CANopen_Mana	ger	3S - S	mart Software Solutions GmbH	3.5.10.0	C/	
CANopen_Mana	ger_FDT	3S - S	mart Software Solutions GmbH	3.5.7.20	C4	
CANopen_Mana	ger_SIL2	3S - S	mart Software Solutions GmbH	3.5.10.0	C4 ,	
•						



- Double-click on CANopen\_Manager with the current window opened in Devices tree or right-click on CANopen\_Manager and then click [Add Device].
- Click [Fieldbusses] » [CANopen] » [Remote Device], find iR-COP and then select [Add Device].



 Double click on CANbus (CANbus) in Devices tree to open the settings window. Please select the correct baud rate for iR-COP in General tab.

cMT3090c.project* - CODESYS		
File Edit View Project Build Online Debug Too	ols <u>W</u> indow <u>H</u> elp	
1 🖬 🖬 📳 🗠 🖓 🛍 🖪 X 1 🗛 😘	=     =     =   =   =   =   =   =   =	
Devices • 4 X	CANbus X R_COP	
· M Device (Weintek Built-in CODESYS)	General General	
Application	CANbus I/O Mapping Network: 0	
Library Manager	Status Baudrate (bit/s): 250000	-
ia- 🗱 Task Configuration ia- 🎲 MainTask	Information	
PLC_PRG		
CANopen_Manager (CANopen_Manager)		
😪 Devices 🐺 Modules		- F

9. Create CANopen variables in PLC\_PRG, for example:

1	PROGRAM PLC_PRG
2	VAR
з	x0 : BOOL;
4	x1 : BOOL;
5	
6	END_VAR

 Double click on iR\_Cop in Devices tree to open the settings window. Select related variables in CANopen I/O Mapping tab.



General	Find	Filter Sh	iow all			•		
PDOs	Variable	Mapping	Channel	Address	Туре	Unit	Description	-
			DO byte 1	%QB0	USINT			=
SDOs	Application.PLC_PRG.x0	~⊘	Bit0	%QX0.0	BOOL			
	Application.PLC_PRG.x1	~`₽	Bit1	%QX0.1	BOOL			
CANopen I/O Mapping	···· **		Bit2	%QX0.2	BOOL			
			Bit3	%QX0.3	BOOL			
Status			Bit4	%QX0.4	BOOL			
	<b>*</b> ø		Bit5	%QX0.5	BOOL			
Information	<b>*</b> ø		Bit6	%QX0.6	BOOL			
	<b>*</b>		Bit7	%QX0.7	BOOL			
	🗐 - <b>*</b>		DO byte 2	%QB1	USINT			
	÷		DO byte 3	%QB2	USINT			-

 When finished, click [Online] » [Login] to download the project to CODESYS.



#### 5 Connecting cMT CODESYS to iR-ETN

- Right-click on Device (Weintek Built-in CODESYS) and then select [Add Device].
- 2. Select [Ethernet Adapter] » [Ethernet] and then click [Add Device].



3. Ethernet (Ethernet) can be found in Devices tree.



- **4.** Double-click on Ethernet with the current window opened in Devices tree or right-click on Ethernet and then select [Add Device].
- Click [Fieldbusses] » [Modbus] » [Modbus TCP Master] » [Modbus TCP Master], and then select [Add Device].



6. Double-click on Modbus TCP Master with the current window opened in Devices tree or right-click on Modbus TCP Master and then click [Add



Device].

 Click [Fieldbusses] » [Modbus] » [Modbus TCP Slave] » [Modbus TCP Slave], and then select [Add Device].



8. Double click on Ethernet in the Devices tree, enter CODESYS's IP address in General tab, and then select [Change Operating System Settings].

Devices 🗸 🗸 🗙	Device Ethernet X	Modbus_TCP_Master -
□ dMT3090_iR-ETN		· — ·
🖻 🕤 Device (Weintek Built-in CODESYS)	General	
PLC Logic		Interface: eth0
🖹 🔘 Application	Status	
📲 📶 Library Manager		O Use Operating System Settings
PLC_PRG (PRG)	Ethernet Device I/O Mapping	Ochange Operating System Settings
🖹 🎆 Task Configuration		
🖻 🍪 MainTask	Information	IP Address 192 . 168 . 2 . 144
PLC_PRG		Subnet Mask 255 . 255 . 252 . 0
Ethernet (Ethernet)		Default Gateway 192 . 168 . 1 . 254
🖃 🎬 Modbus_TCP_Master (Modbus TCP Maste		
Modbus_TCP_Slave (Modbus TCP Sla		
4		
Contraction and the second sec		

*9.* When CODESYS is already connected, go to General tab and click the [...] button near Interface field and select eth0.

Network Ad	lapters		
Interfaces:			
Name	Descriptio	on IP Address	
lo		127.0.0.1	
eth0		192.168.2.73	
vnet1		10.255.255.2	
IP Address	.	192 . 168 . 2 . 73	
Subnet Ma	sk	255 . 255 . 252 . 0	
Default Ga	teway	192 . 168 . 1 . 254	
MAC Add	ress	00:0C:26:0F:E3:3B	
			OK Cancel

**10.** Select Modbus\_TCP\_Slave in the Devices tree and then go to General tab to set up IR-ETN's IP address and Unit ID.



Devices 👻 🕂 🗙	Modbus_TCP_Slave X		•
			]
🖻 🕤 Device (Weintek Built-in CODESYS)	General	ModburgTCP	
PLC Logic			
🖹 💮 Application	Modbus Slave Channel	Slave IP Address:	192 . 168 . 2 . 144
📶 Library Manager		Unit-ID [1247]	1
PLC_PRG (PRG)	Modbus Slave Init		-
🖃 🎆 Task Configuration		Response Timeout (ms)	1000
🖻 🍪 MainTask	ModbusTCPSlave Parameters	Port	502
PLC_PRG	MadhuaTCBElava I/O Manaina		
🖃 🔟 Ethernet (Ethernet)	Modbus repsiave t/o Mapping		
🖃 🚮 Modbus_TCP_Master (Modbus TCP Maste	Status		
Modbus_TCP_Slave (Modbus TCP Sla			
	Information		
4			
Contraction and the second sec		•	4

**11.** Open [Modbus Slave Channel] tab and create Modbus Variable.

dbusChannel			
Channel			
Name	Read 0x-0		
Access Type	Read Discrete Inputs (Fur	nction Code 2)	•
Trigger	Cyclic	<ul> <li>Cycle Time (ms)</li> </ul>	100
Comment			
READ Register			
Offset	0x0000		•
Length	1		
Error Handling	Keep last Value	•	
WRITE Register			
Offset	0x0000		-
Length	0		
		ОК	Cance
odbusChannel		ОК	Cance
odbusChannel Channel Name	Write 0x-0	ОК	Cance
odbusChannel Channel Name Access Type	Write 0x-0 Write Multiple Coils (Funct	OK ion Code 15)	Cance
odbusChannel Channel Name Access Type Trigger	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance
odbusChannel Channel Name Access Type Trigger Comment	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) • Cycle Time (ms)	Cance
odbusChannel Channel Name Access Type Trigger Comment READ Register	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance     The second seco
odbusChannel Channel Name Access Type Trigger Comment READ Register Offset	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance
odbusChannel Channel Name Access Type Trigger Comment READ Register Offset Length	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance
odbusChannel Channel Name Access Type Trigger Comment READ Register Offset Length Error Handling	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance     The second seco
odbusChannel Channel Name Access Type Trigger Comment READ Register Offset Length Error Handling WRITE Register	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance
odbusChannel Channel Name Access Type Trigger Comment READ Register Offset Length Error Handling WRITE Register Offset	Write 0x-0 Write Multiple Coils (Funct Cyclic	OK ion Code 15) Cycle Time (ms)	Cance

12. Open PLC\_PRG in Devices tree, create tag and set Bool as data type. Write



a command as shown below.



13. Open Modbus\_TCP\_Slave in Devices tree and then go to [Modbus\_TCPSlave I/O Mapping] tab to set up iR-ETN's IP address and Unit ID.

Variable	Mapping	Channel	Address	Туре	Unit	Description
		Read 0x-0	%IB0	ARRAY [00] OF BYTE		Read Discrete Inputs
🖮 - 🐐		Read 0x-0[0]	%IB0	BYTE		Read Discrete Inputs
Application.PLC_PRG.read	<b>~</b>	Bit0	%IX0.0	BOOL		0x0000
🖹 🍢		Write 0x-0	%QB0	ARRAY [00] OF BYTE		Write Multiple Coils
ii <b>*</b>		Write 0x-0[0]	%QB0	BYTE		Write Multiple Coils
Application.PLC_PRG.write	<b>~</b>	Bit0	<del>%QX0.0</del>	BOOL		0x0000

 When finished, click [Online] » [Login] to download the project to CODESYS.



# 6 Removing Weintek Built-in CODESYS

- 1. Click [Tools] » [Packages Manager].
- 2. Find Weintek Built-in CODESYS and then click [Uninstall].

Package Manager					(
Currently installed packages: Refresh			Sort by: Name	▼	Install
Name	Version	Installation date	Update info	License info	Uninstall
CODESYS SoftMotion	4.1.1.0	2017/11/27	Free version 4.3.1.0 available!	No license req	Details
🖳 Weintek Built-in CODESYS	2018.1.24	2018/2/2		License info no	becanom
					Updates
					Search updates
					Download

3. Click [Next] when seeing the window below.

Uninstallation	×
Weintek Built-in CODESYS [2018.1.24] Uninstallation	
The package will be removed from your system. Click Next to continue.	
Cancel < Back Next >	Finish

4. Removing the program.



Uninstallation	X
Weintek Built-in CODESYS [2018.1.24] Please wait while the package is being uninstalled.	WEINTEK
Initializing	
Cancel < Back Next >	Finish

5. Click [Finish].

🗊 Uninstallation
Weintek Built-in CODESYS [2018.1.24]
The package has been successfully removed from your system. Click Finish to exit the wizard.
Cancel < Back Next > Finish



#### 7 Frequently Asked Questions

#### 7.1 Questions Related to IP Address

Q1. How to use static IP address for cMT CODESYS?

A: Please follow these steps.

- 1. Right-click on "Device (Weintek Built-in CODESYS)" and select [Add Device].
- 2. Select [Ethernet Adapter] » [Ethernet] and then select [Add Device].

Add Device				-
ame: Ethernet				
Action:				
💿 Append device 💿 Insert de	vice 🔘 Plug device 🌀 Update device			
Enter a string for a fulltext search	in all devices Vendor: <all vendors=""></all>			•
Name	Vendor	Version	Description	-
Fieldbusses				=
• Budit EtherCAI				
E BB Ethernet Adapter				
Ethernet Adapter	3S - Smart Software Solutions GmbH	3.5.10.0	Ethernet Link.	

3. In Device tree find Ethernet and double click it.



4. The following window opens, click [...] button.

General	Interface:			
Status	Use Operating System Settings			
Ethernet Device I/O Mapping	Change Operation	ng System Settings		
Information	IP Address	192 . 168 . 0 . 1		
	Subnet Mask	255 . 255 . 255 . 0		
	Default Gateway	0.0.0.0		

Select "eth0". Please see "2.2 Creating CODESYS Project" to finish CODESYS project settings before doing this step.



Name	Descriptio	on	IP Addre	222		
lo			127.0.0.1			
eth0			192.168.	2.119		
vnet1			10.255.2	55.2		
IP Address		192 .	168 . 2	. 119	1	
Subnet Mas	k	255 .	255 . 25	2.0	1	
Default Gate	eway	192 .	168 . 1	. 254	1	
MAC Address 00:		00:0C	:26:0F:E3	:3B		

6. Select [Change Operating System Settings].

General	Interface: eth0		
Status	Use Operating	System Settings	
Ethernet Device I/O Mapping	Ochange Operat	ting System Settings	
Information	IP Address	192 . 168 . 2 . 144	
	Subnet Mask	255 . 255 . 252 . 0	
	Default Gateway	192 . 168 . 1 . 254	

7. Download the project to cMT CODESYS.

Q2. Why my CODESYS Gateway shows 0.0.0.0?

A: When using static IP for cMT CODESYS, its IP address will be displayed as 0.0.0.0.

**Q3.** Can I use the same domain for cMT HMI's LAN 1 and LAN 2? A: This is acceptable only when cMT HMI has CODESYS activated.

#### 7.2 Questions Related to CODESYS

**Q1.** When the indicator of CODESYS Gateway lights up in red, how can I connect to the device?

A: When CODESYS Gateway is not properly started or installed, its indicator will light up in red. Please try the following 3 methods to solve this situation.

- Click the icon of "CODESYS Gateway SysTray" in system settings and then click [Start Gateway].
- 2. Add new gateway and enter HMI IP.



	Scar	n Ne	twork	Gatev	way •	•	Device	•				
	1				Add	ne	ew gatew	ay				
		E.			Man	ag	e gatewa	ays				
		L			Con	fig	ure the l	ocal (	Gateway			
3	ateway										×	
		_										
	Name:	Gat	eway-2									
	Driver:	TCF	/IP								•	
	IP-Address		192.168.2	2.144								
	Deat		1017									

3. Re-install CODESYS Gateway.

CODESYS V3.5 SP12 Patch 1 - InstallShield Wizard	<b>X</b>
Select Features Select the features setup will install.	
Select the features you want to install, and deselect the CODESYS V3	ne features you do not want to install. Description CODESYS Gateway Next generation gateway (communication layer) for CODESYS V3
0.00 MB of space required on the C drive 11217.01 MB available on the C drive InstallShield —	
< <u>s</u>	ack Next > Cancel

Q2. Why a triangle icon shows near Modbus\_TCP\_Slave device when I log in HMI in CODESYS software?

▲ Modbus\_TCP\_Slave (Modbus TCP Slave)

A: This means that HMI cannot connect Modbus TCP/IP device via CODESYS. Please check the IP settings and make sure the cable is properly connected.

#### 7.3 Questions Related to Downloading cMT CODESYS File

**Q1.** How to update CODESYS firmware?

A:

There are 2 ways to update CODESYS firmware.

 Launch Utility Manager and select cMT Series » Maintenance » CODESYS Firmware Update. Browse for the firmware file and click [Update].



DDESYS Firmware	Update		
IP HM HMI:	/I Name cMT-E33B Search Search All	<ul> <li>▼ 192.168.2.120 (cMT-E33B)</li> <li>■</li> </ul>	
Firmware :	C:\codesys_20180704.229.bin * Updating firmware will also resta	rt HMI.	
Password : 111	111	— Mask	Update

2. Enter cMT HMI's IP address in the website browser and find [CODESYS] » [CODESYS update] tab. Select the file and click [Update].

identity: System Setting	
Network	CODESYS
Date/Time	Status Project update CODESYS update
🖉 HMI Name	Please select file to upload
History	
Email	選擇檔案 Application.app (*.app)
Noject Management	選擇檔案 Application.crc (*.crc)
System Password	
Security	
SeasyAccess 2.0	
	Update

Q2. How to download CODESYS project using website?

A:

 In CODESYS software select [Online] » [Create boot application]. An \*.app file and a \*.crc file will be generated.



💗 Manual.project - CODESYS		
<u>File E</u> dit <u>V</u> iew <u>P</u> roject <u>B</u> uild	<u>O</u> nlii	ne <u>D</u> ebug <u>T</u> ools <u>W</u> indow <u>H</u> elp
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Devices		Create boot application
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E PLC Logic		Source download to connected device
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		Operating Mode

 Enter cMT HMI's IP address in the website browser and find [CODESYS] » [Project update] tab. Select the files generated in the last step and click [Update].

identity: System Setting	
🕞 Network	CODESYS
Date/Time	Status Project update CODESYS update
🖉 HMI Name	Please select file to upload
History	
🏊 Email	選擇檔案 Application.app (*app)
Project Management	選擇檔案 Application.crc (*.crc)
System Password	
Enhanced Security	
EasyAccess 2.0	
	Update