38. EasyDownload

This chapter explains how to setup EasyDownload.

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38.1. Overview

EasyDownload allows downloading the project data file built in EasyBuilder Pro via Ethernet or USB cable. In EasyBuilder Pro main menu select [Project] and then select [Build for SD card/USB disk download] to build the data file before running EasyDownload.

38.2. Configuration

		— ×				
Series : cMT X Ser	ries - Advanced	•				
Download data folder :	PLEASE CXOB FILE NAME !	Browse				
System settings	PLEASE INPUT SYSTEM SETTINGS FILE NAME !	Browse				
RW	PLEASE INPUT RECIPE FILE NAME !	Browse				
RW_A	PLEASE INPUT RECIPE_A FILE NAME !	Browse				
Recipe database	PLEASE INPUT RECIPE DATABASE FILE NAME !	Browse				
 ✓ Reset recipe ✓ Reset event log ✓ Reset OPC UA history (H 	Image: West recipe database Image: West operation log Image: West data log Image: West operation log IDA) Image: West operation log					
	Ethernet					
4 IP HMI Name	IP HMI Name					
IP :		Add All				
		Delete All				
Download Downlo	Dad All Stop Password / Port No	Exit				
Download Downlo	Dad All Stop Password / Port No Description	Exit				
Download Downlo ings es	Description Select a Series of HMI models.	Exit				
Download Downlo ings es	Description Select a Series of HMI models. Browse for the project data file to down					
Download Downlo ings es	Description Select a Series of HMI models. Browse for the project data file to dow	Exit rnload.				
ings es vnload data folder	Description Description Select a Series of HMI models. Browse for the project data file to dow For cMT Series / cMT X Series / IIoT Ga	Exit Inload. teway Series				
ings es vnload data folder	Description Select a Series of HMI models. Browse for the project data file to dow For cMT Series / cMT X Series / IIoT Ga models, select a .cxob file. For non-cMi	nload. teway Series T Series mode				

Browse for the recipe data (.rcp) to download.

RW

RW_A	Browse for the recipe data (.rcp) to download.		
Recipe database	Browse for the recipe database (.db) to download.		
Reboot HMI after download	If selected, HMI will reboot after downloading.		
Reset recipe Reset recipe database Delete startup screen Reset event log Reset data log Reset Operation Log	The selected files will be erased before downloading.		
LISB cable	Download the file to HMI via USB cable. Please make		
OSD Cable	sure that the USB driver is correctly installed.		
Ethernet	Download the file to HMI via Ethernet.		
IP	Enter the target HMI IP address.		
Name	Enter the target HMI name.		
Search	Search by HMI name.		
Search All	Search from all the HMI names on the same network.		
Add	Add the selected HMI in the Search field to the		
	Destination field.		
Add All	Add all the HMI in the Search field to the Destination		
	field.		
Destination	A list of all the HMI for download.		
Delete	Delete the selected HMI in the Destination field.		
Delete All	Delete all the HMI in the Destination field.		
Download	Click to start download to the selected HMI in the		
	Destination field.		
Download All	Click to start download to all the HMI in the Destination		
	field.		
Password / Port No.	Enter the password and the port number of download		
	set in HMI system settings.		
	Non-cMT Series:		
	Download Password, Port No.		

cMT / cMT X Seires:



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Password :	111111	1	
Password .	111111		
☑ Use different port			
* Use this if HMI is behind a route	er with proper port forwa	rding	
* Use this if HMI is behind a rout Port no. :	er with proper port forwa 80	rding	
* Use this if HMI is behind a rout Port no. :	er with proper port forwa 80	rding	

Note

Take eMT3000 Series as an example, the built download data directory has the following structure. Please select the parent directory of the generated file when download.

Parent directory	First subdirectory	Second subdirectory
emt3000	001	
	002	
	Pub	driver
		font

- The parent directory name changes according to the model used.
- Downloading to multiple HMI is only supported by Ethernet.
- When downloading the project to multiple HMI at a time, all the HMI must use the same password and port number.
- The downloading process goes from the top of Destination list to the bottom. Only when the downloading of one HMI is done will the downloading of next HMI start.
- To avoid long waiting time for an off-line HMI, the wait time is 3 seconds.
- EasyDownload can download project to 512 HMIs at a time; that is, the maximum allowable number of HMI that can be added into the Destination list is 512.

