

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

Settings	Description
Series	Select a Series of HMI models.
Download data folder	Browse for the project data file to download. For cMT Series / cMT X Series / IloT Gateway Series models, select a .cxob file. For non-cMT Series models, select a corresponding folder.
RW	Browse for the recipe data (.rcp) to download.

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.
USB cable	Download the file to HMI via USB cable. Please make 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: 
	cMT / cMT X Seires:



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.