



EasyWeb 2.0 Operations Manual

cMT X-Series

Your Industrial Control Solutions Source

www.maplesystems.com



For use with the following:

- cMT X-Series
Human Machine Interface

Table of Contents

Chapter 1 System Settings	1
1.1 Overview	1
1.2 Ways to Log In Easyweb 2.0.....	1
1.3 Easyweb 2.0 Login Identities	2
Chapter 2 How to Use WebView	17
2.1 Overview	17
2.2 Enabling WebView	17
2.3 Log In WebView using an Internet Browser	17
2.4 When WebView Doesn't Open.....	19

Chapter 1 System Settings

1.1 Overview

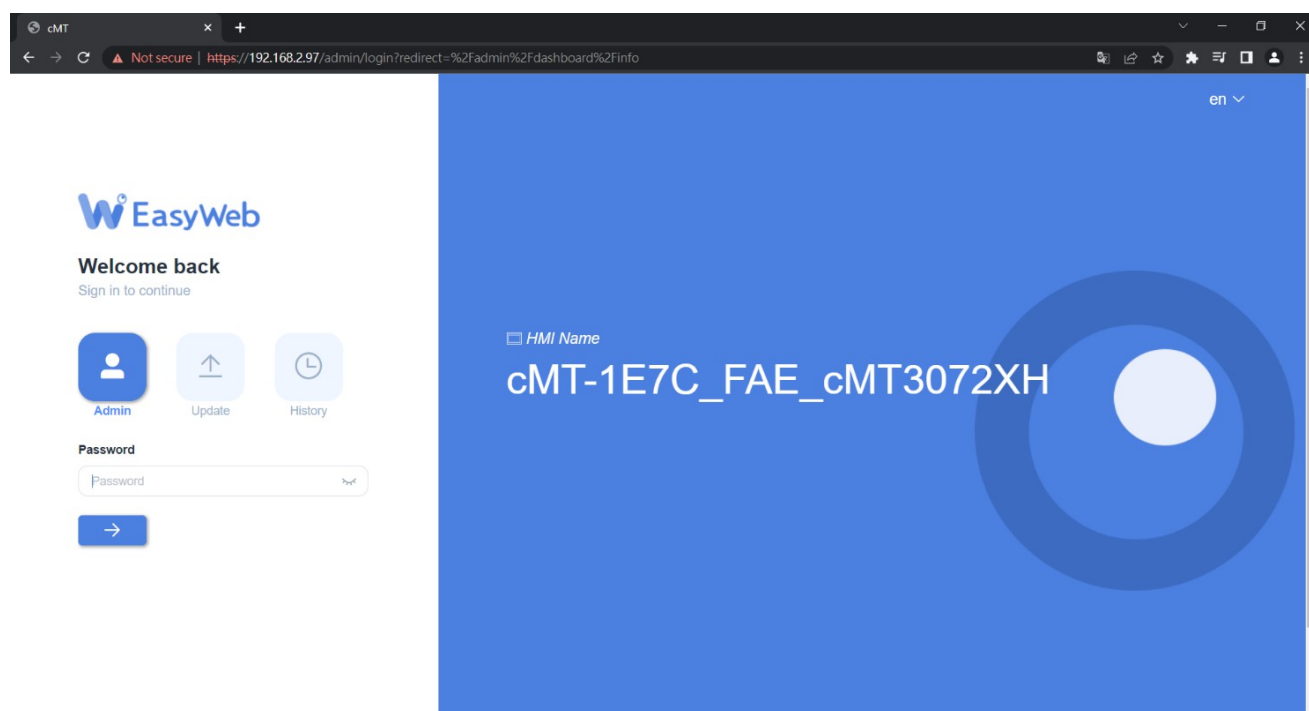
Easyweb 2.0 is a web interface that allows users to configure parameters of cMT X Series HMI. Additionally, with its WebView feature, users can monitor HMIs through a web browser. This user manual explains the cMT X Series HMI features that can be configured using Easyweb 2.0.

1.2 Ways to Log In Easyweb 2.0


Connect an HMI via an Ethernet cable, and log in system settings in one of the following ways.

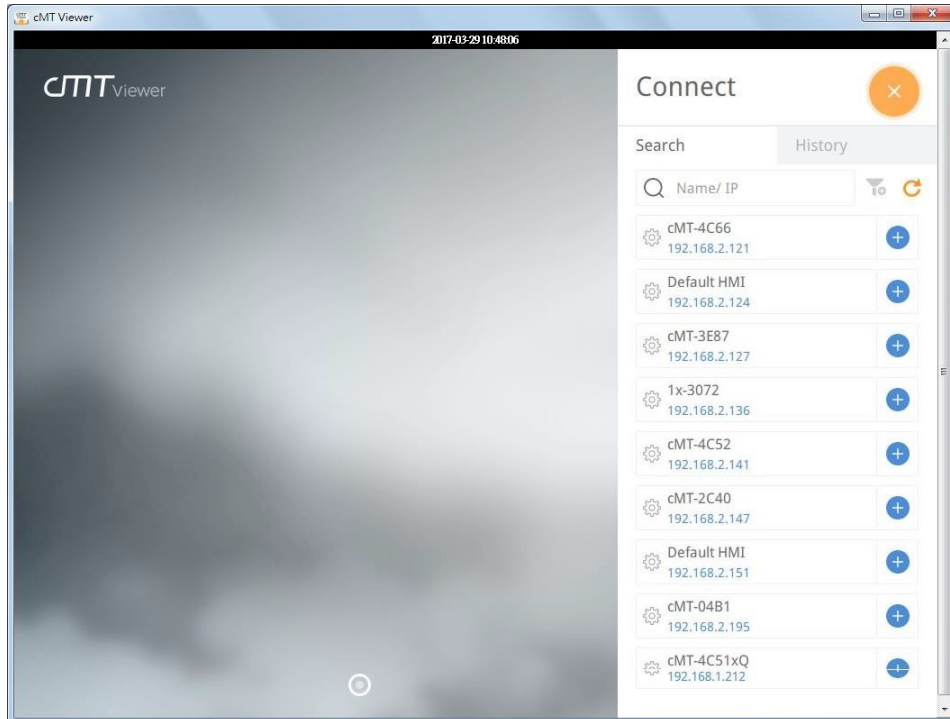
Via internet browser

Open internet browser (Windows Edge, Chrome, or Firefox), and enter HMI's IP address (e.g.: 192.168.2.121). The web page below opens. If WebView interface is shown after entering the IP address, please enter https://HMI_IP/admin to open Easyweb 2.0 system login page.



Set on cMT Viewer devices

Launch cMT Viewer App, tap Search, select the HMI and tap  icon to configure.



1.3 Easyweb 2.0 Login Identities

Three identity levels exist in Easyweb 2.0: [Admin], [Update], and [History]. [Admin] controls all the settings while [Update] controls limited items. For safety, specify a password before configuration. A password is needed for opening [History] settings, and the historical data can be backed up after logging in with password.

The default password is 111111. After successful login, the password for each identity level can be changed in [System Password] page.

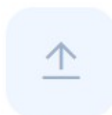


Welcome back

Sign in to continue



Admin



Update



History

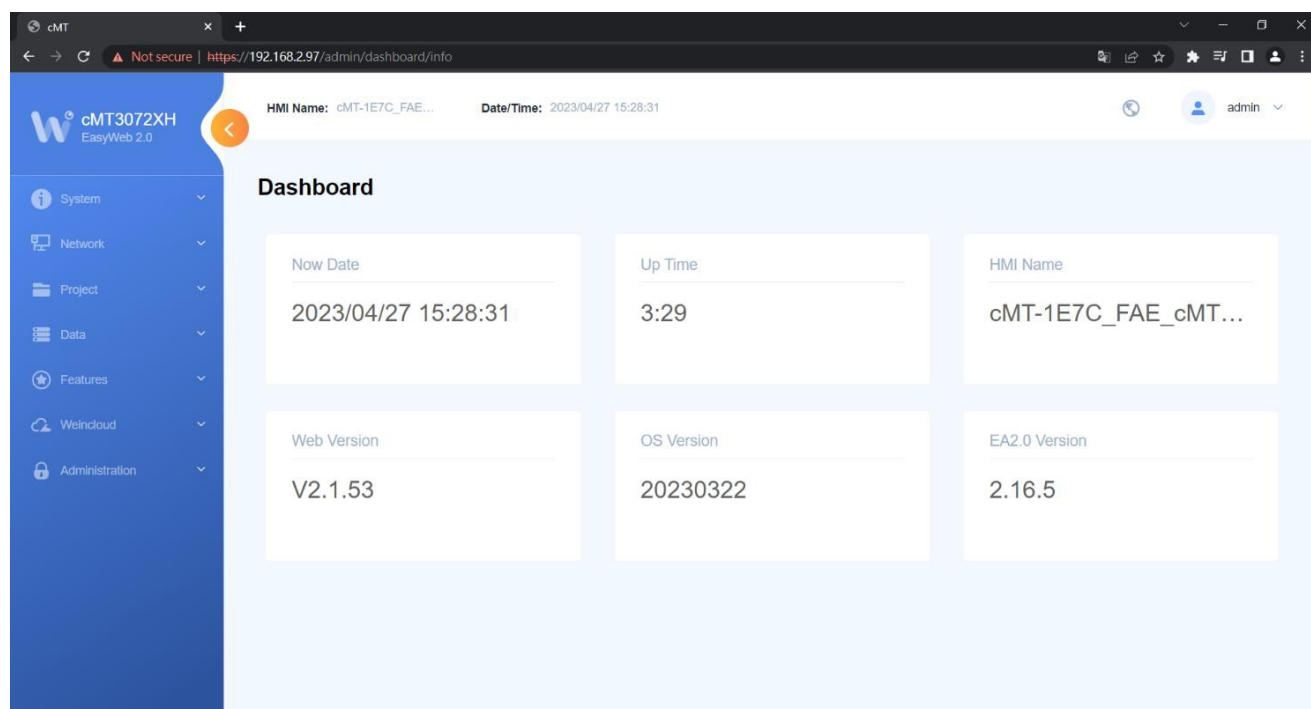
Password



1.4 Easyweb 2.0 Interface

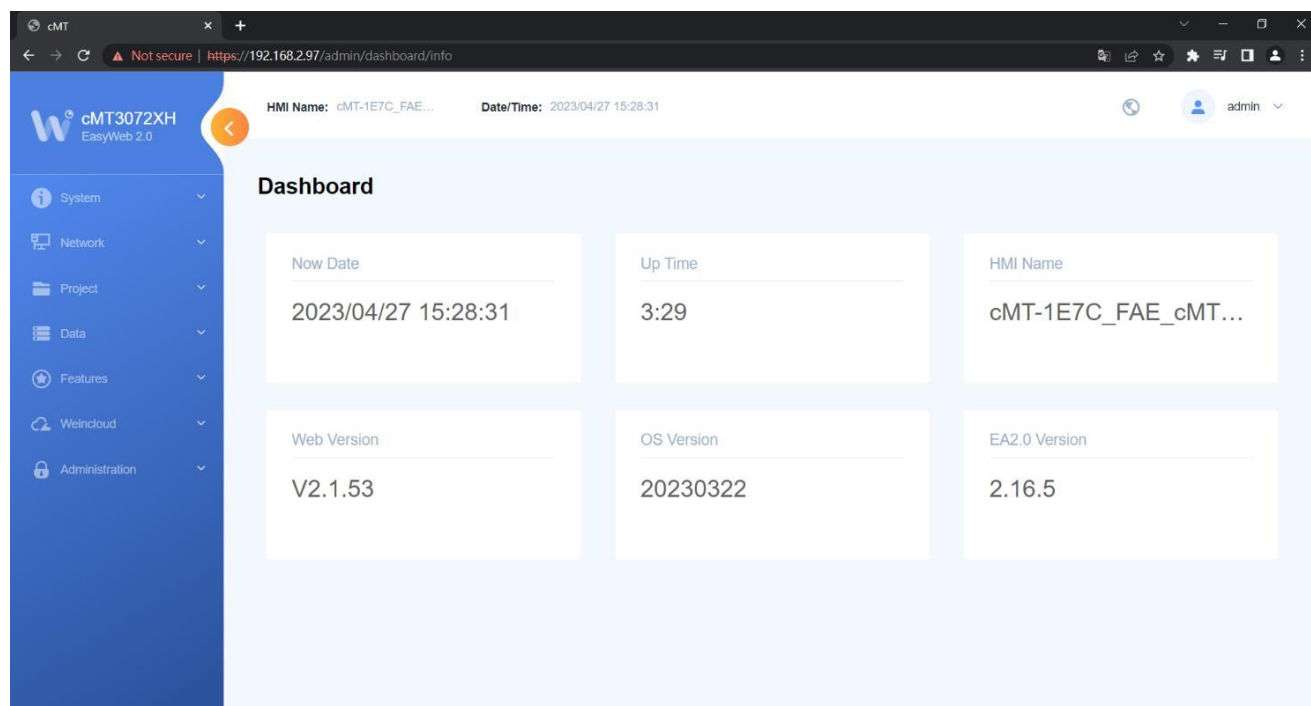
Dashboard

System status and HMI status are displayed in Dashboard after login.



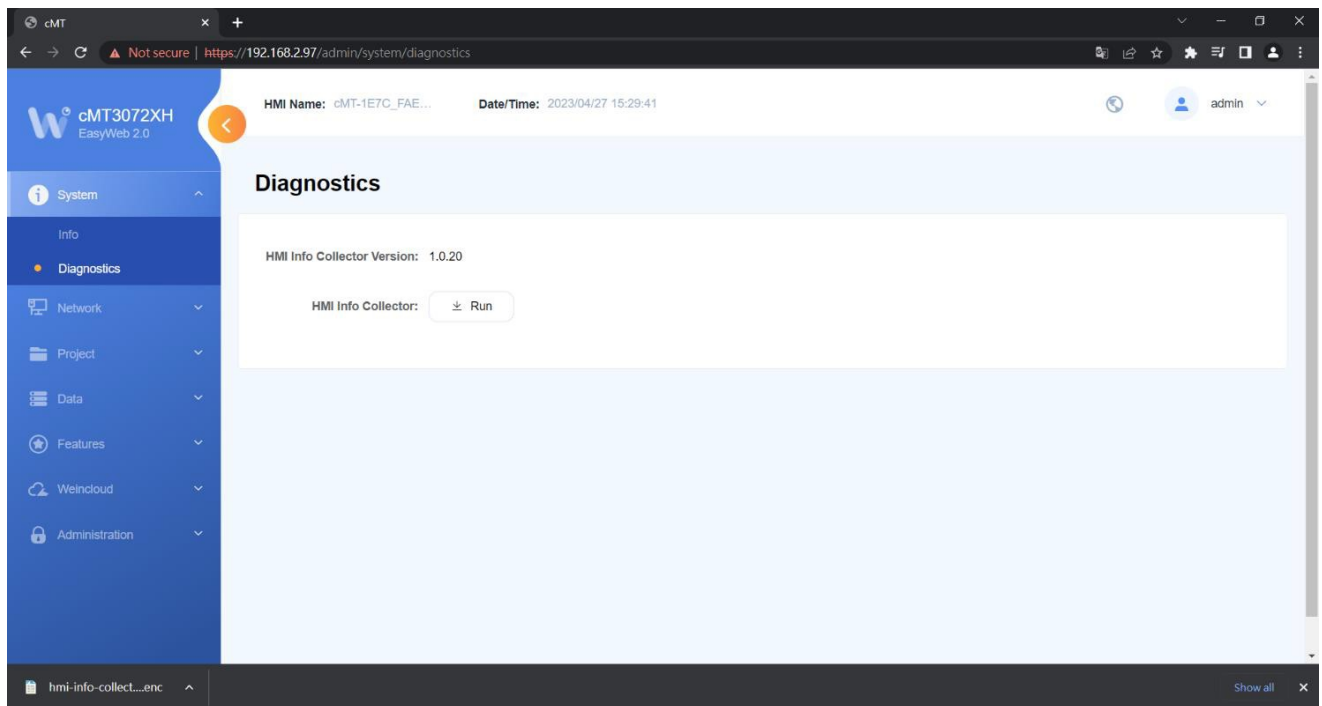
System » Info

In this page the user can edit HMI Name / Date / Time.



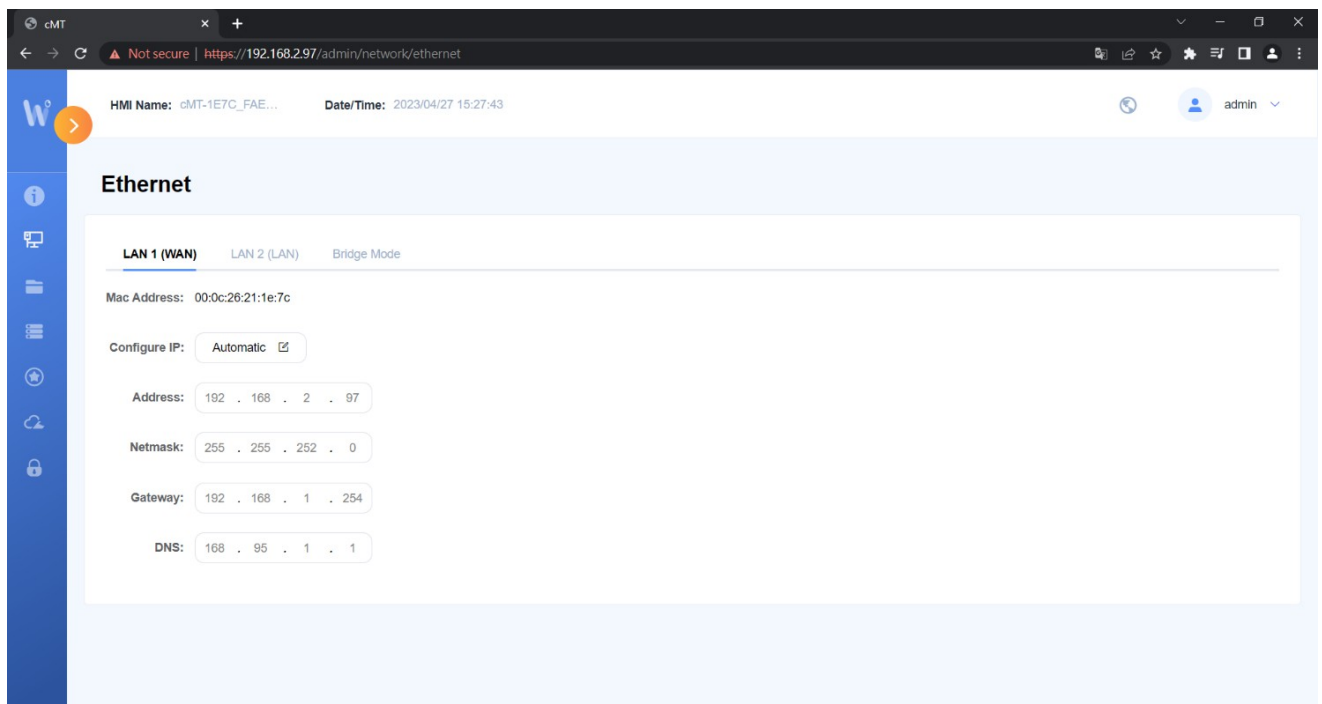
System » Diagnostics

In this page the user can collect information about any errors that occur during HMI operation.



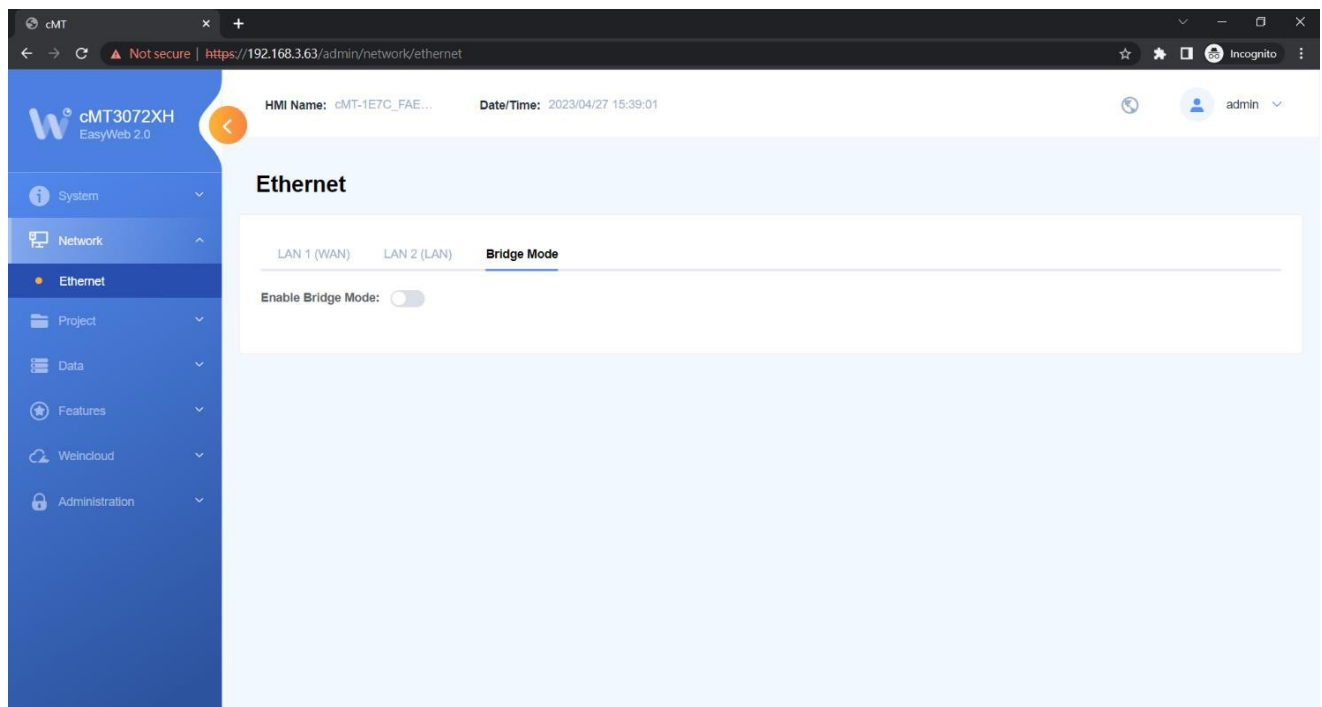
Network » Ethernet

In this page the user can set the IP address of each Ethernet port.

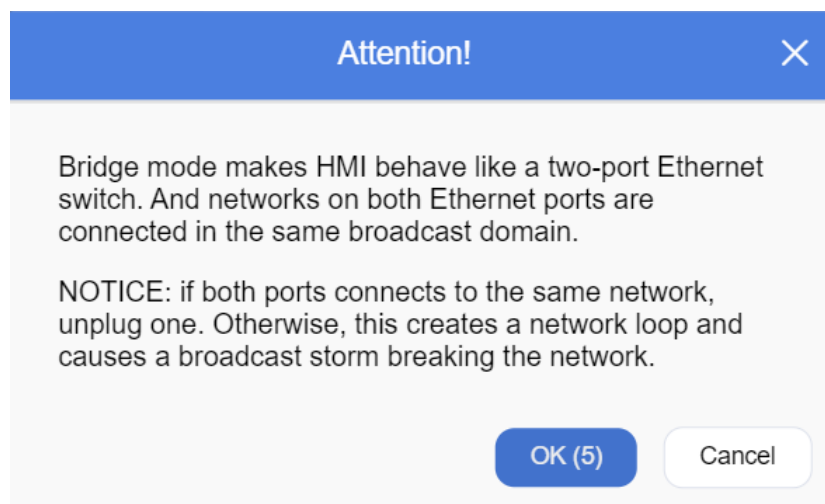


Bridge Mode

Dual Ethernet port models can be configured in Bridge Mode to allow LAN1 and LAN2 to operate in the same network segment, providing switch-like functionality.

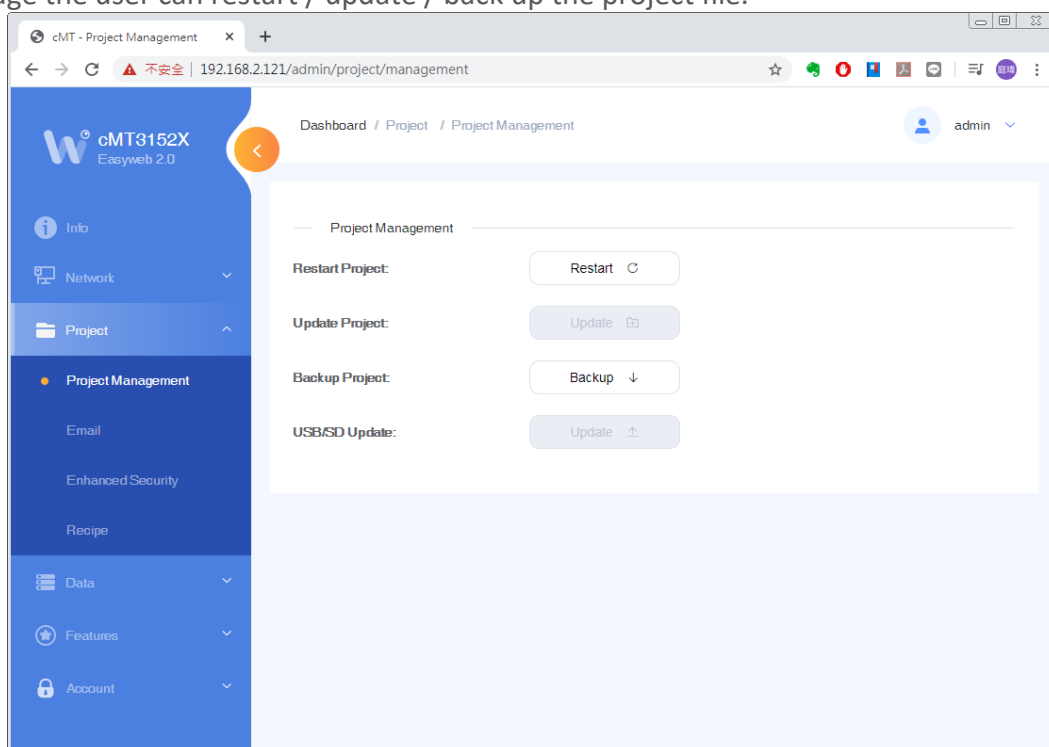


Enabling Bridge Mode triggers a confirmation window, which prompts users to verify the proper connection of the two Ethernet ports. Failure to do so could lead to a network loop and a broadcast storm. Once the connection is confirmed, click OK to proceed with the operation.



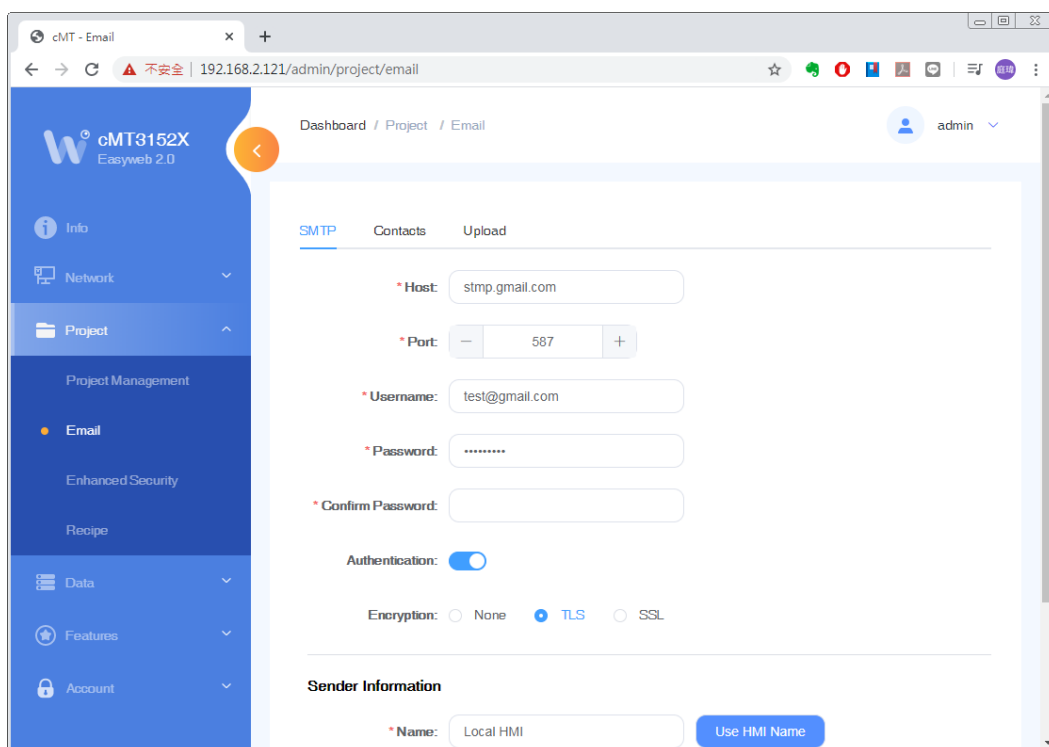
Project » Project Management

In this page the user can restart / update / back up the project file.



Project » Email

In this page the user can edit email contacts; e.g., the groups a contact is in, and email addresses.



Project » Enhanced Security

In this page the user can set operable classes and password for each account.

Dashboard / Project / Enhanced Security

Accounts Import User Accounts

Add Account Save

Please click [Save] button after editing data

ID	Hide	Account	Password	A	B	C	D	E	F	G	H	I
1		admin	111111	✓	✓	✓	✓	✓	✓	✓	✓	✓
2		user1	111	✓								
3		user2	222	✓	✓							
4		user3	333	✓	✓	✓						
5		user4	444	✓	✓	✓	✓					
6		user5	555	✓	✓	✓	✓	✓				
7		user6	666	✓	✓	✓	✓	✓	✓			

Project » Recipe

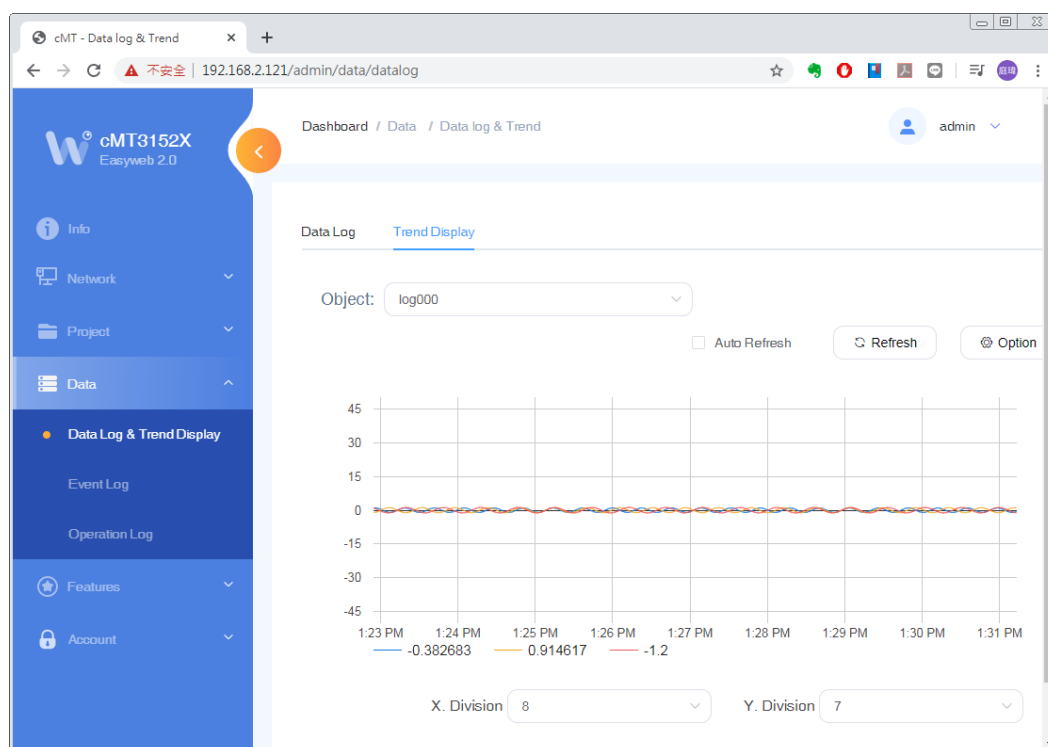
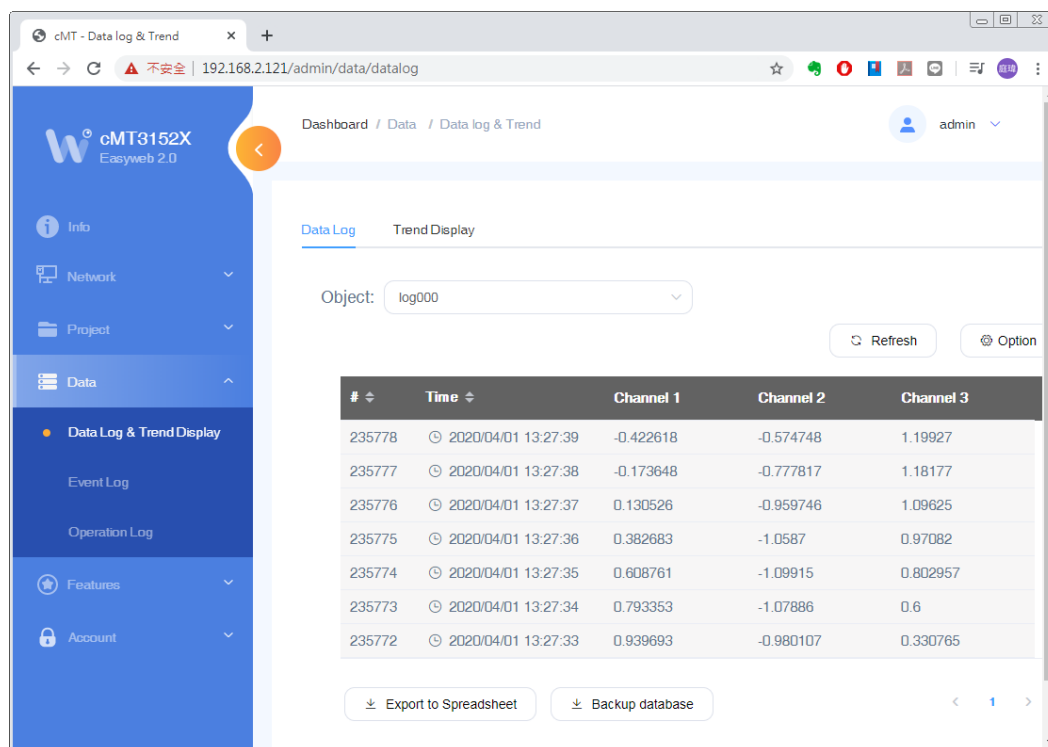
In this page the user can update, back up, or clear recipe data on HMI.

Dashboard / Project / Recipe

Item	Action		
	Update	Backup	Clear
Recipe Database	<button>Update</button>	<button>Backup</button>	<button>Clear</button>
RW	<button>Update</button>	<button>Backup</button>	<button>Clear</button>
RW_A	<button>Update</button>		

Data » Data Log & Trend Display

This page displays data log and the corresponding trend. The data can be exported or backed up. Please note that decimal places are not displayed, exported or backed up in Easyweb 2.0; however, this can be achieved by creating a History Data Display object and a Backup object in the HMI project and connecting the HMI using cMT Viewer.



The display feature can work properly only when in EasyBuilder Pro, [All records in one file] is selected in Data Sampling's History File setting. The display feature is currently not supported for [Customized file handling] mode.

History file

☒ Enable

☒ All records in one file

☐ Customized file handling

File name : log000

Data » Event Log

This page displays event logs, and the data can be exported or backed up.

Dashboard / Data / Event log

Time column

2020-03-04 to 2020-04-01

Category range (0 - 255)

0 to 255

Keywords

Add terms

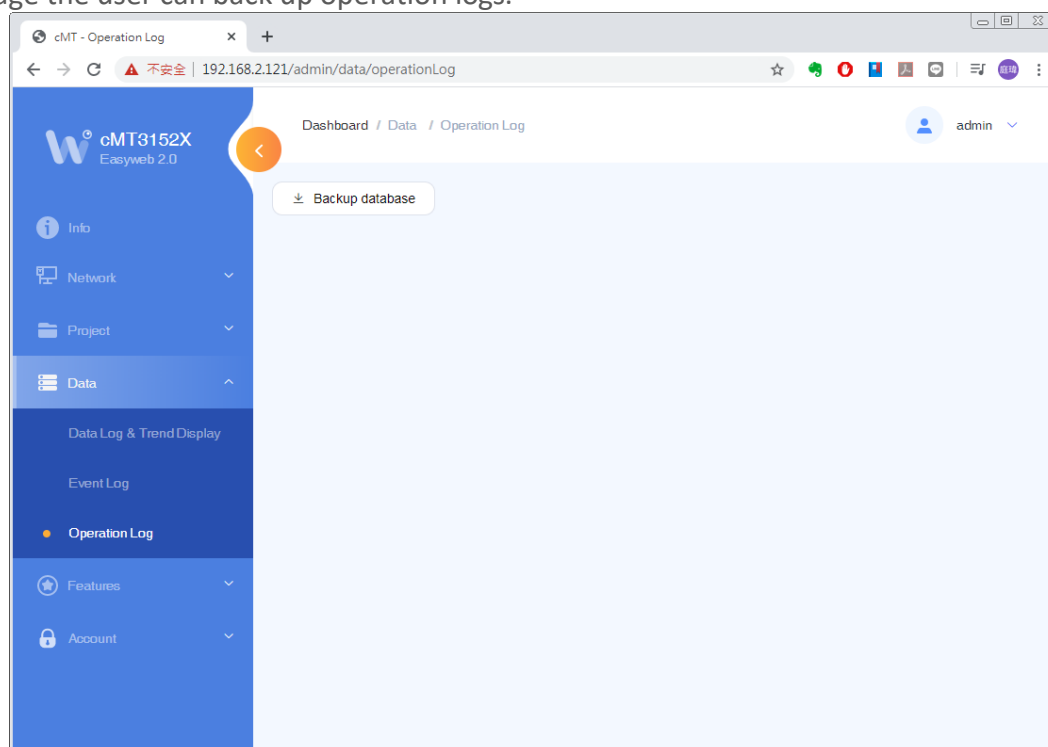
Select Language

Language1

#	Category	Event Message	Event trigger time	Return to normal time	Occurrence count
1	1	Tank Error !!	2020/04/01 13:31:25		31
2	1	Machine Error !!	2020/04/01 13:31:25	2020/04/01 13:31:31	44
3	255	Start Memory Test	2020/04/01 13:31:17		1
4	1	Flow Speed Error !!	2020/04/01 13:31:12	2020/04/01 13:31:20	17
5	1	Machine Error !!	2020/04/01 13:31:10	2020/04/01 13:31:18	43
6	1	Tank Error !!	2020/04/01 13:31:06	2020/04/01 13:31:15	30

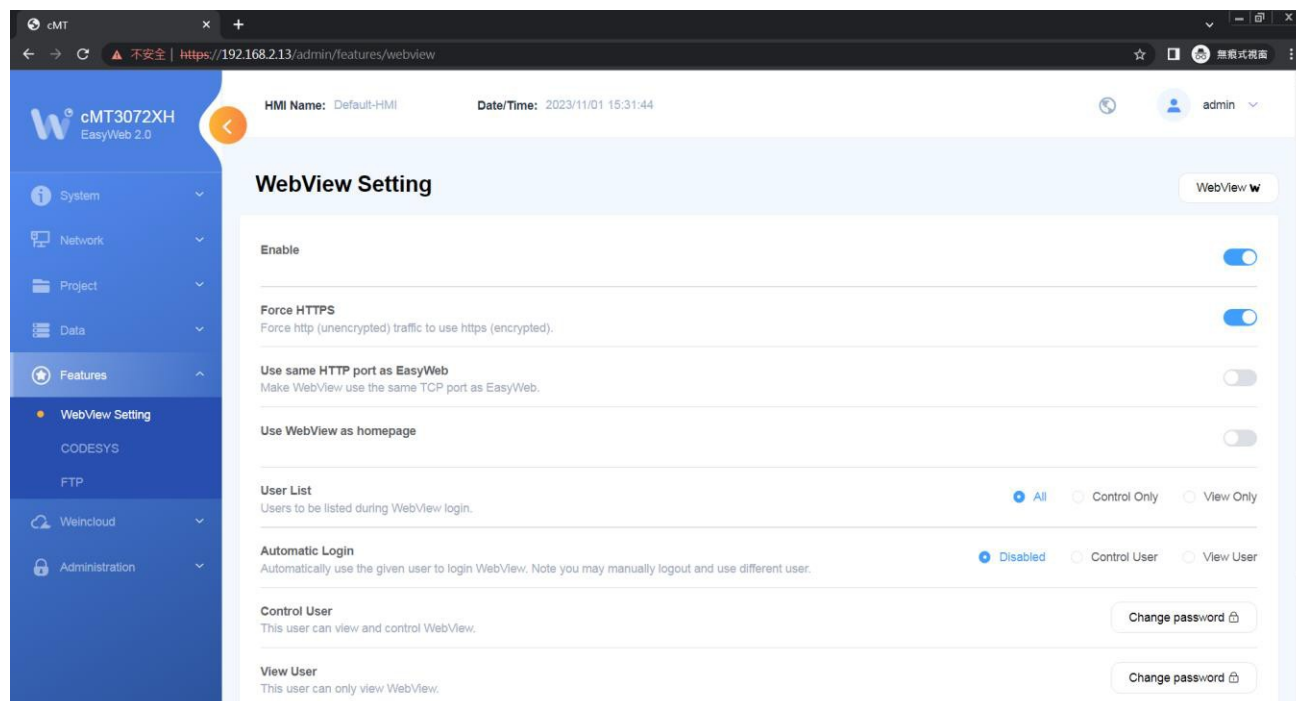
Data » Operation Log

In this page the user can back up operation logs.



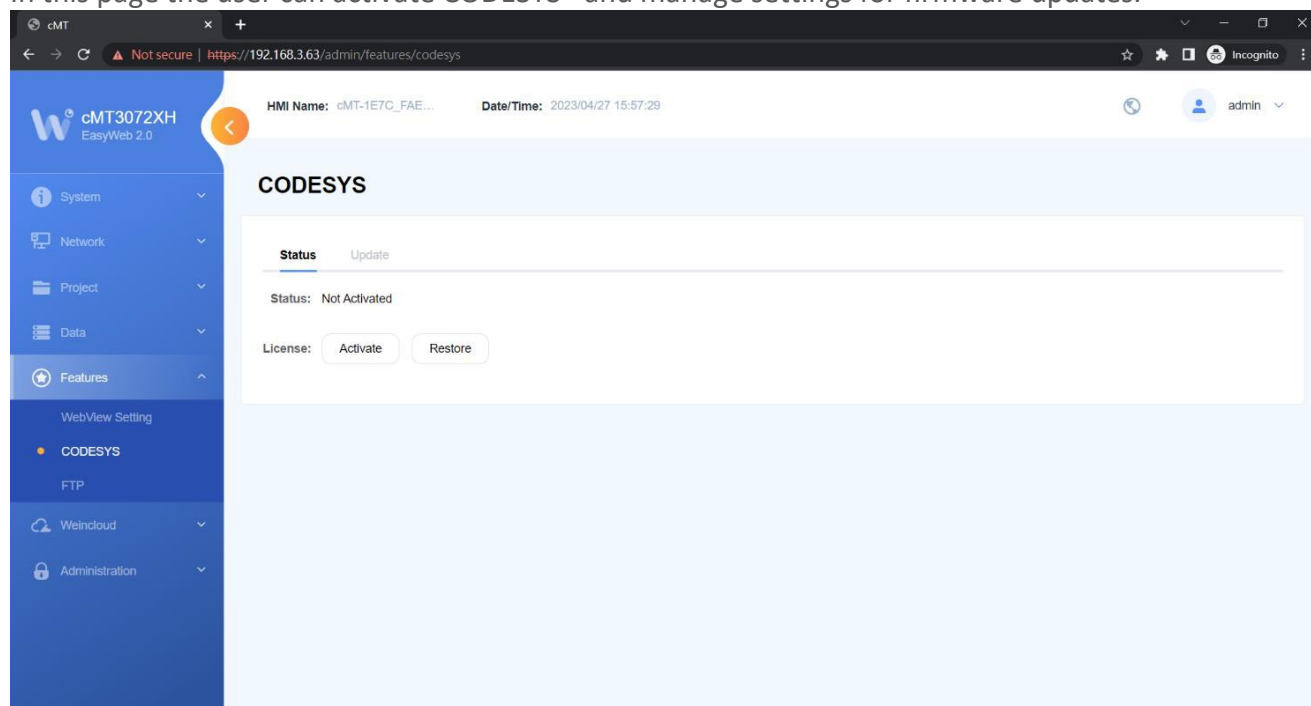
Features » WebView Setting

In this page the user can enable WebView and set password. Please see Chapter 2 in this user manual for more details.



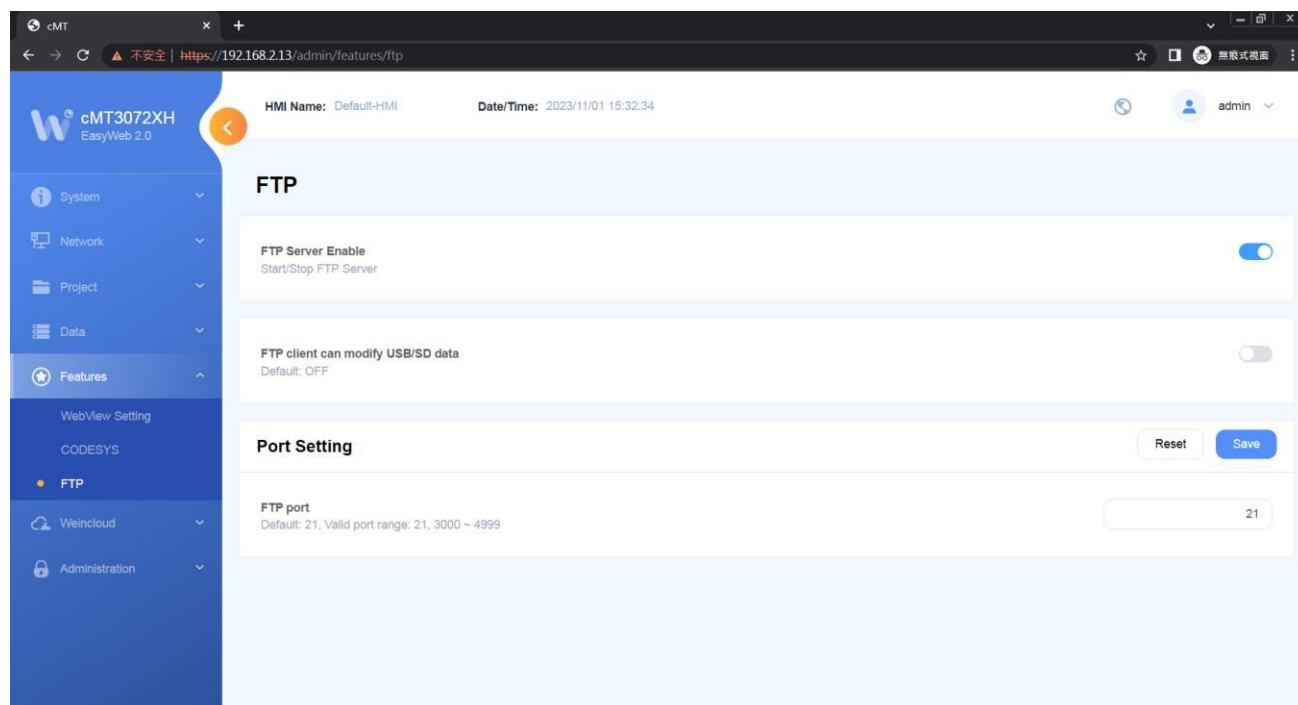
Features » CODESYS

In this page the user can activate CODESYS® and manage settings for firmware updates.



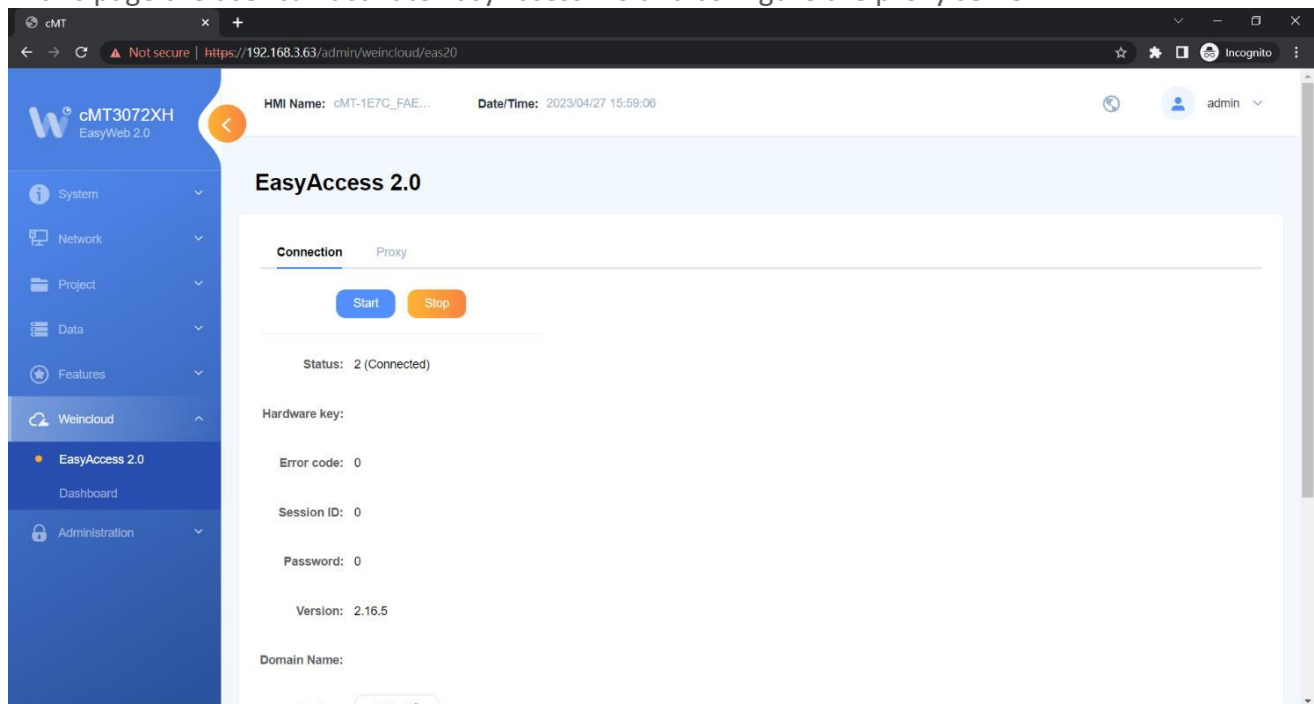
Features » FTP

In this page the user can modify FTP server related settings.



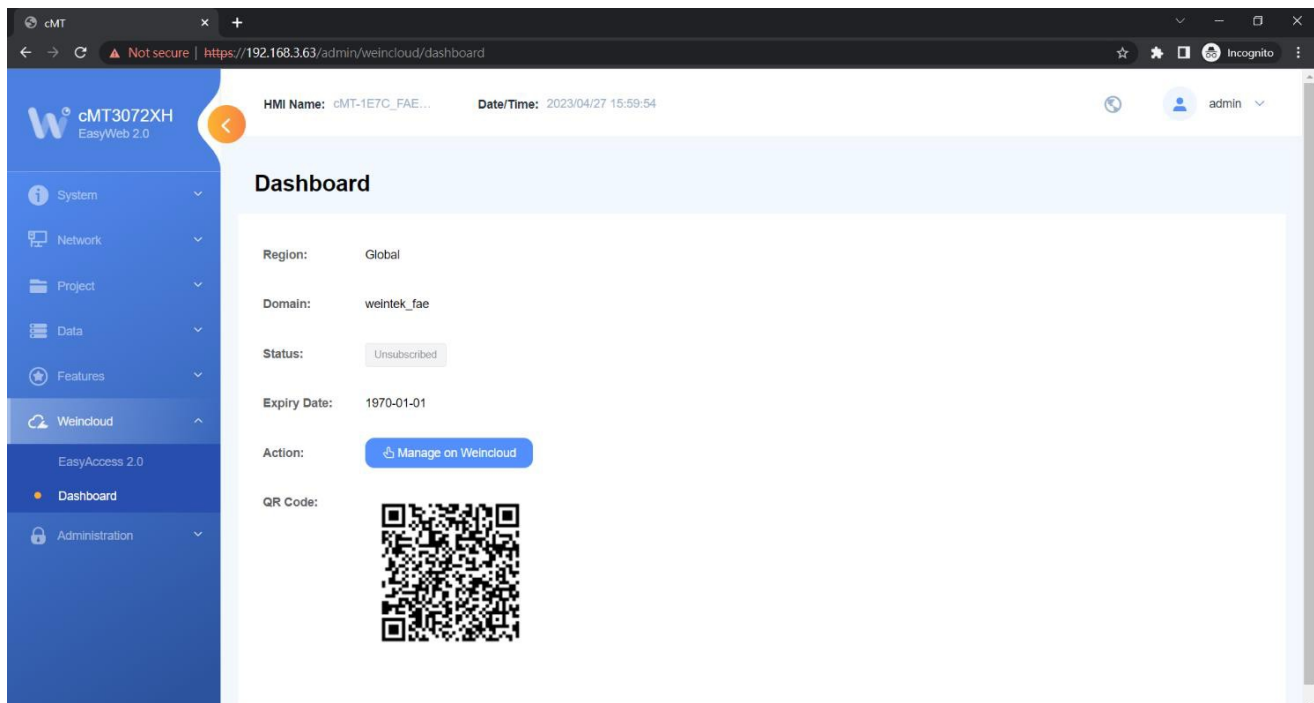
Features » EasyAccess 2.0

In this page the user can activate EasyAccess 2.0 and configure the proxy server.



Weincloud » Dashboard

In this page the current subscription status of Dashboard can be viewed.



Administration » System Password

There are four different levels of password protection: System Setting, Update Project, History, and User, and in this page the user can change the passwords. The default passwords are 111111.

[System Setting]: This is the highest level. It has an access to change all system settings, download, upload project, back up historical data, or change passwords for other levels.

[Upload Project]: This level can download, upload project, and back up historical data. [History]: This level controls FTP access and it can back up historical data.

[User]: This level can operate cMT X projects via cMT Viewer. Other three levels above can all do this.

cMT3152X EasyWeb 2.0

System Password

Please select identity to edit password.

System Setting

Current password:

New password:

Confirm new password:

Submit Reset

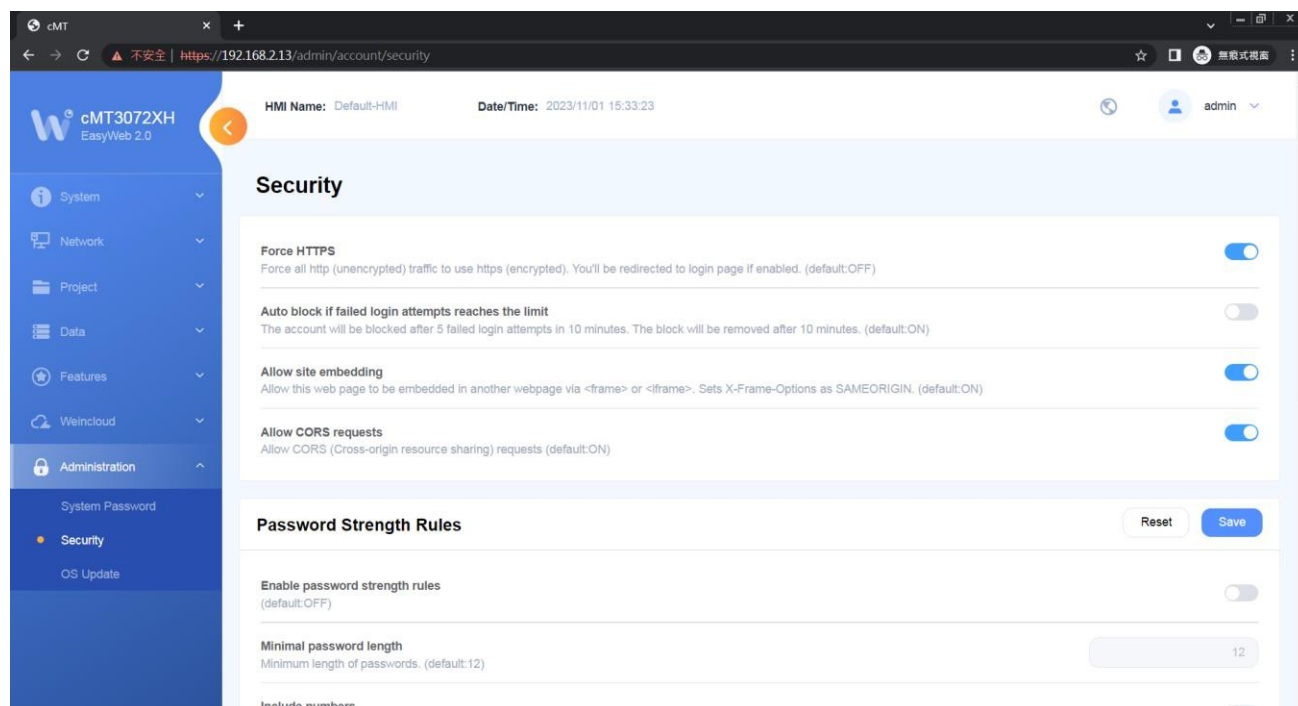
System Setting

Update Project

History

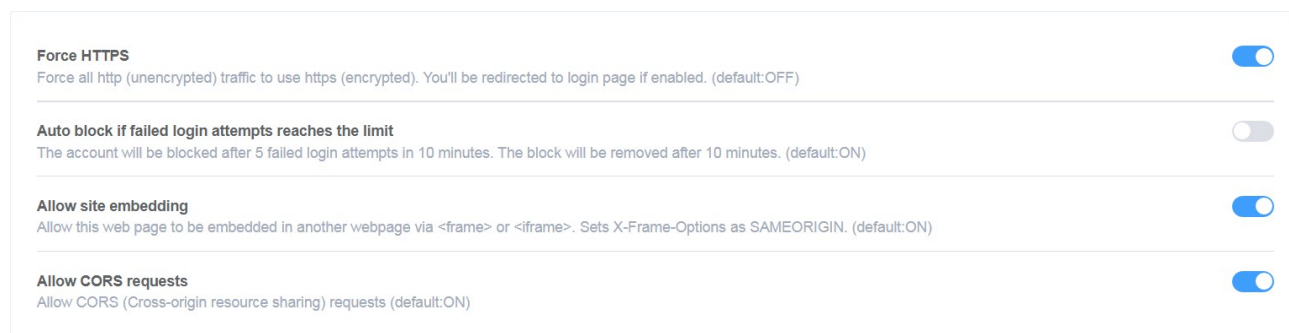
User

Administration » Security



[Web Security]

Encrypt communication with EasyBuilder Pro, block the account when the number of failed login attempts reaches the limit, or allow this web page to be embedded.



[Password Strength Rules]

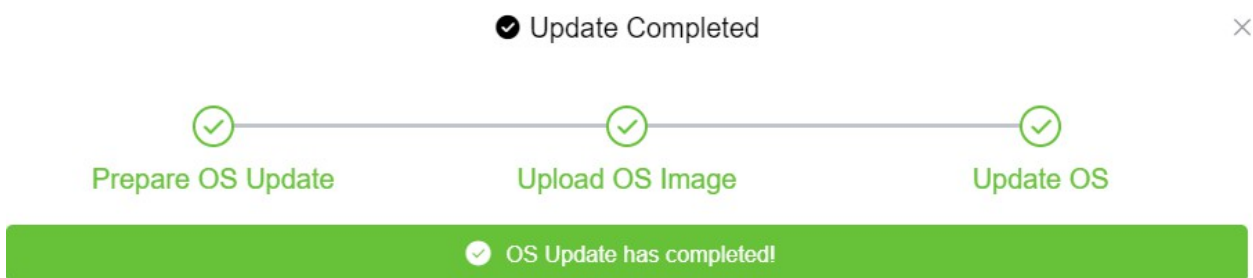
Set password strength rules that EasyWeb uses to determine whether a password is valid.

During the update process, please do not turn off the HMI.

✳ Updating



Once the update is complete, the system will display the following window.



The window below may appear for the following reasons:

1. Incompatible OS version.
2. IP address changed after OS update.
3. The OS update process took too long.

Check the device

Unable to verify the OS update result. Please check the device and verify the OS update result.

Common reasons:

OS is updated to an incompatible older version

IP address is changed after the OS update

OS update takes longer than expected (3 min.)

If the device is unresponsive, please contact our distributors or via our website.

Chapter 2 How to Use WebView

2.1 Overview

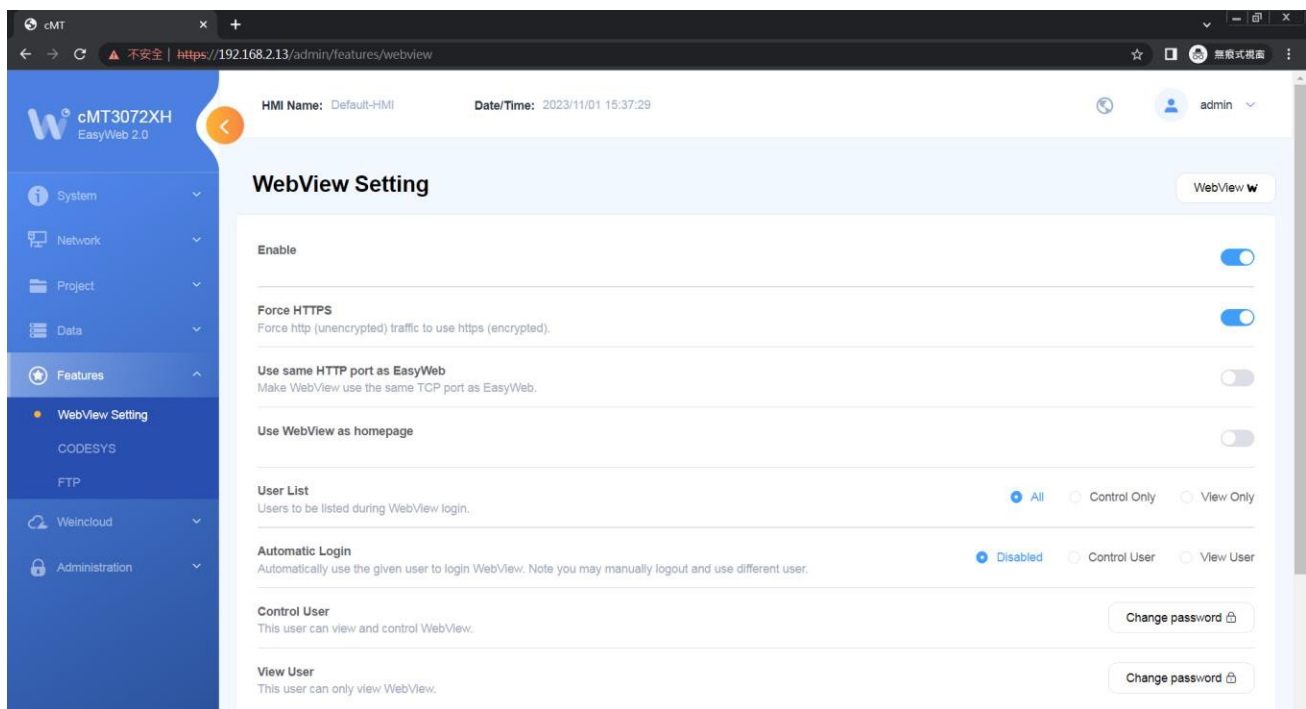
cMT X Series HMI can be monitored and controlled using an internet browser (Windows Edge, Chrome, or Firefox). Up to 4 users can log in simultaneously.

2.2 Enabling WebView

Log in Easyweb 2.0, open WebView Setting page and toggle on [Enable]. In this page, whether a password is required for logging in WebView can be set.

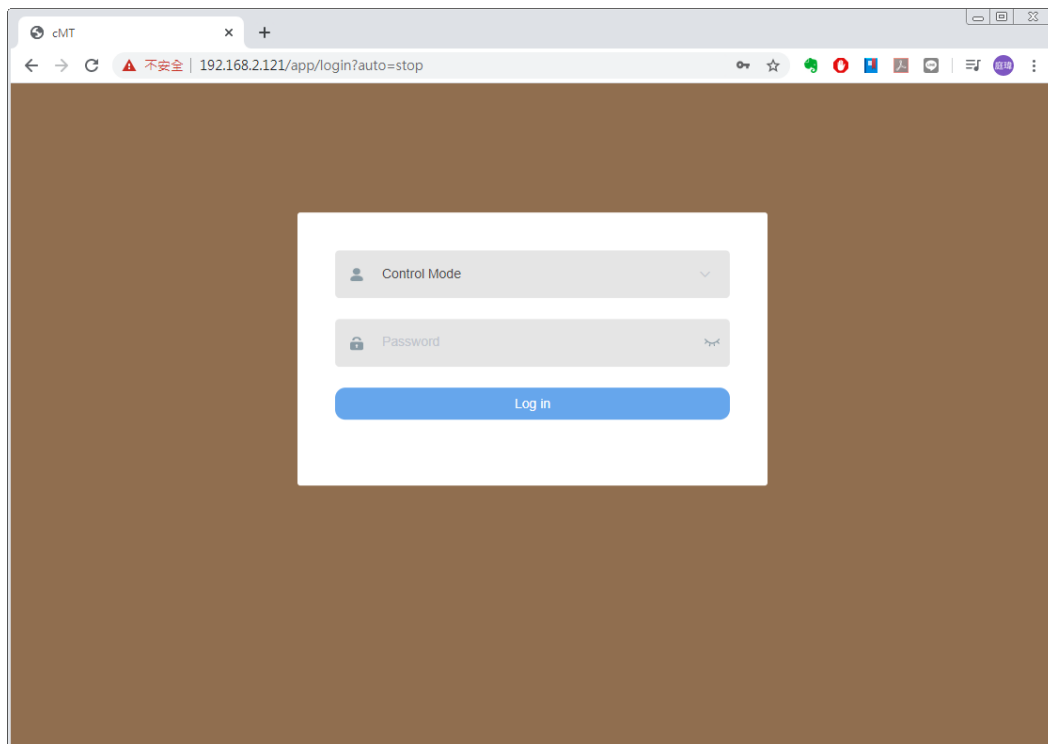
Force HTTPS: Enabling this will make WebView use HTTPS.

Use same HTTP port as EasyWeb: Enabling this will make WebView use port 80 to connect to the VNC server when accessed via HTTP.

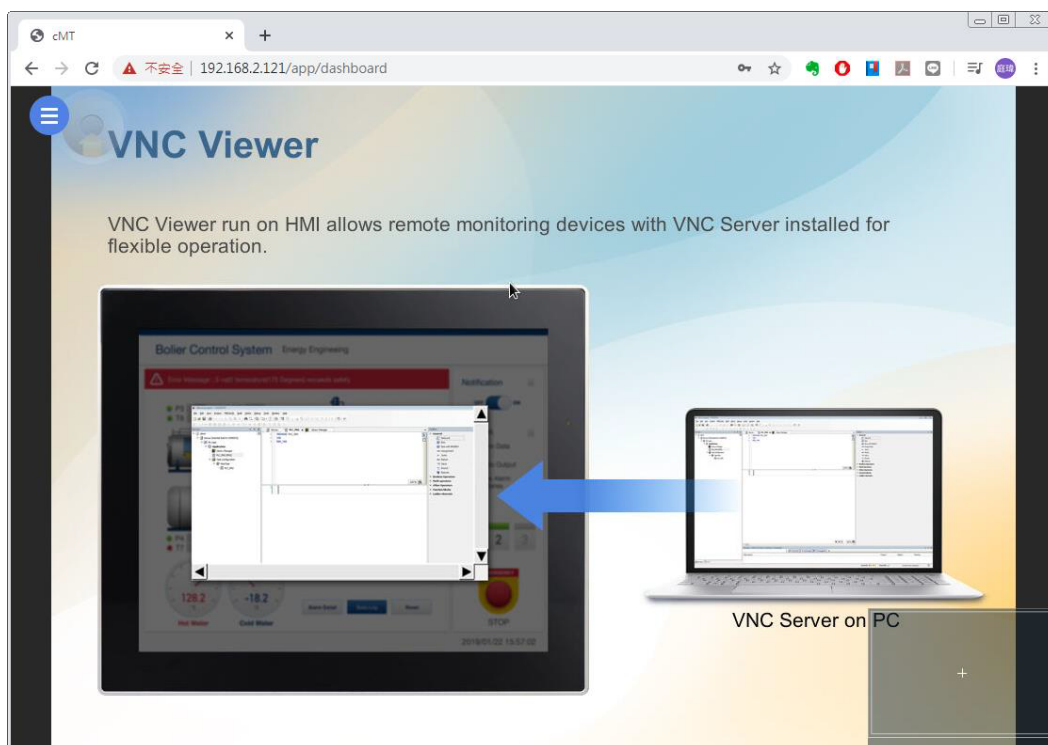


2.3 Log In WebView using an Internet Browser

Step 1. Open internet browser and enter HMI's WebView address (e.g.: 192.168.2.121 /app/dashboard). In WebView settings, if "Set as homepage" option is selected, then simply enter the IP address (e.g.192.168.2.121). WebView interface opens after entering the password.



Step 2. The HMI screen is displayed in the browser window. Certain HMI screen resolutions may exceed the browser window size. When this happens, to change the view area, drag the white frame that represents browser window in the lower-right corner and move within the gray area that represents HMI screen.



Step 3. The toolbar that opens by clicking the three-line icon in the upper-left corner of the window is shown below. From left to right, the toolbar is separated into three groups of items.

In the first group, the HMI screen can be resized to fit in the browser window, or displayed with HMI's actual screen resolution.

In the second group, the position of the icon that opens the toolbar and the dragging panel that moves the view area can be changed.

In the third group are the system settings icon and the logout icon.



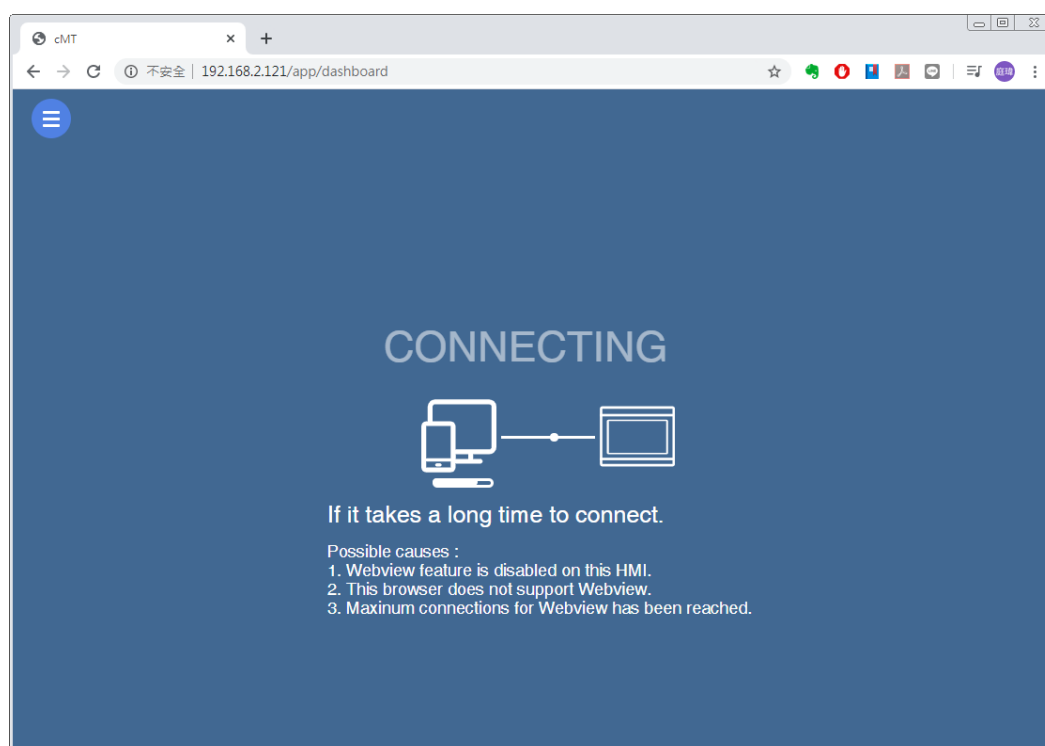
Note

- When “Set as homepage” is selected in WebView, the WebView interface can be opened by directly entering HMI IP address. When login password is forgotten, please enter https://HMI_IP/admin to return to the default system settings page. This prevents the situation where WebView functions cannot be used once password is forgotten.

2.4 When WebView Doesn't Open

When a login attempt fails and the page below shows, try the following ways to troubleshoot.

1. Check whether WebView is enabled for the HMI.
2. Check whether the browser supports WebView, and please use recommended browsers such as Windows Edge, Chrome, or Firefox.
3. Maximum number of users may be exceeded (4 users at a time).





AW-10101167 Rev00

Windows is a trademark or a registered trademark of Microsoft Corporation in the United States and/or other countries. CODESYS® is a trademark of CODESYS GmbH.
Other company names, product names, or trademarks in this document are the trademarks or registered trademarks of their respective companies. This document is subject to change without prior notice.