

User Manual

cMT X Series Easyweb 2.0

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Chapter 1 System Settings

1.1 Overview

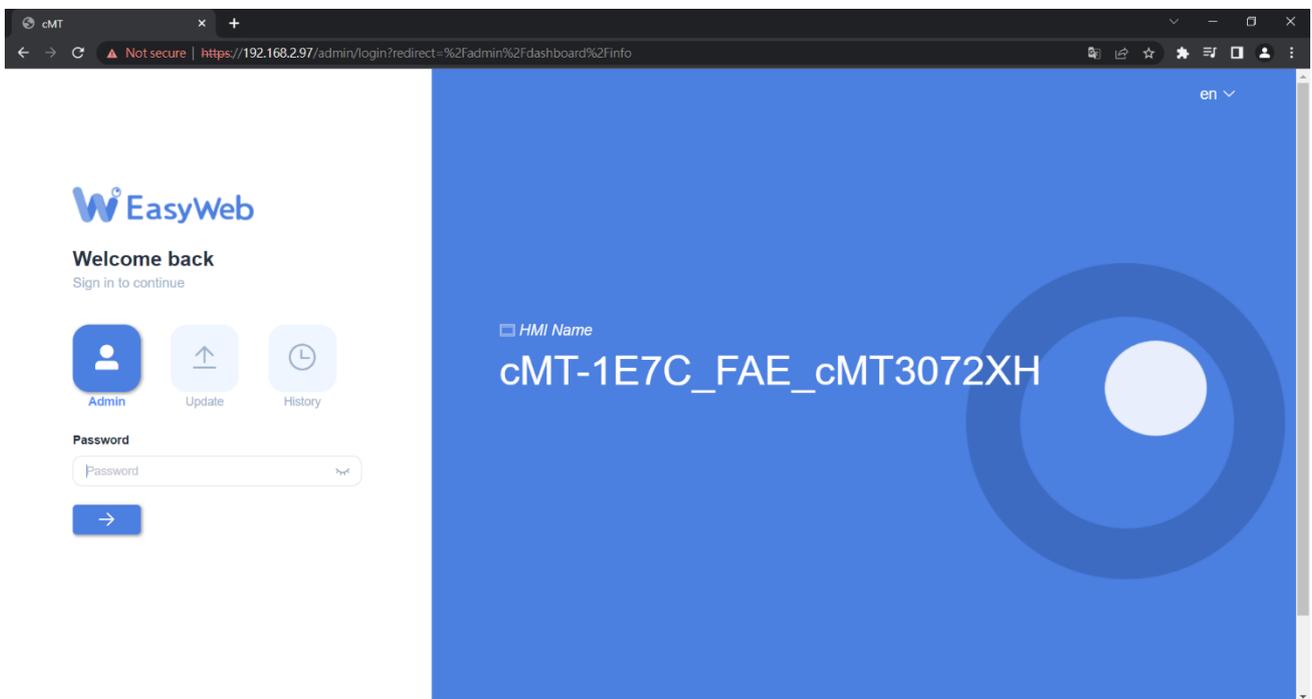
Easyweb 2.0 is a web interface that allows users to configure parameters of cMT X Series HMI. Additionally, with its Webview feature, users can monitor HMIs through a web browser. This user manual explains the cMT X Series HMI features that can be configured using Easyweb 2.0.

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.

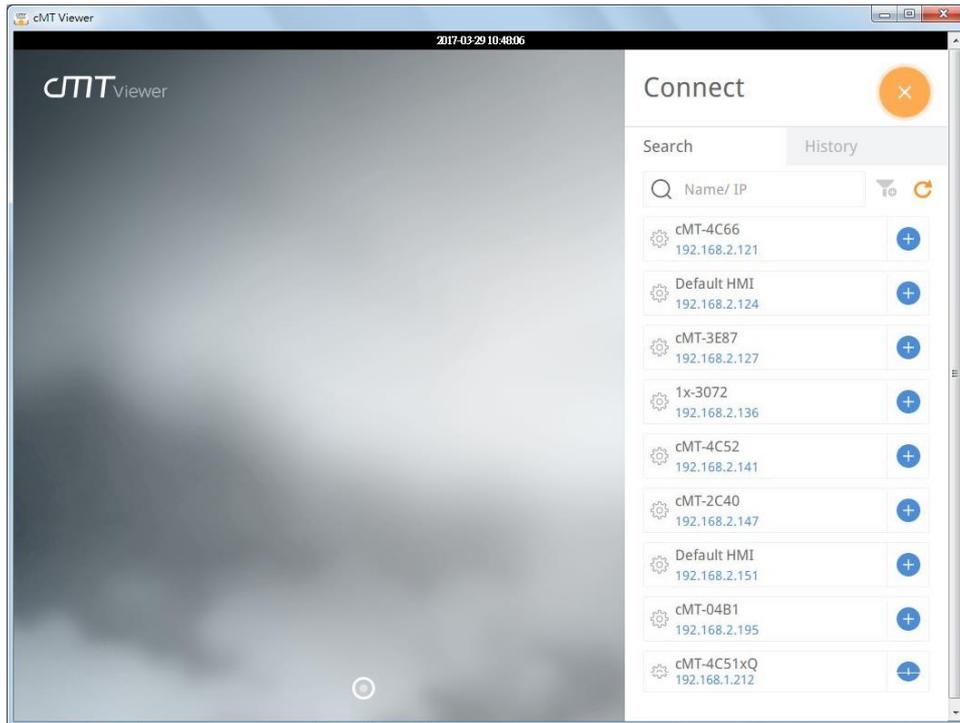
Via internet browser

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.

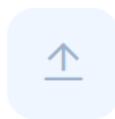


Welcome back

Sign in to continue



Admin



Update



History

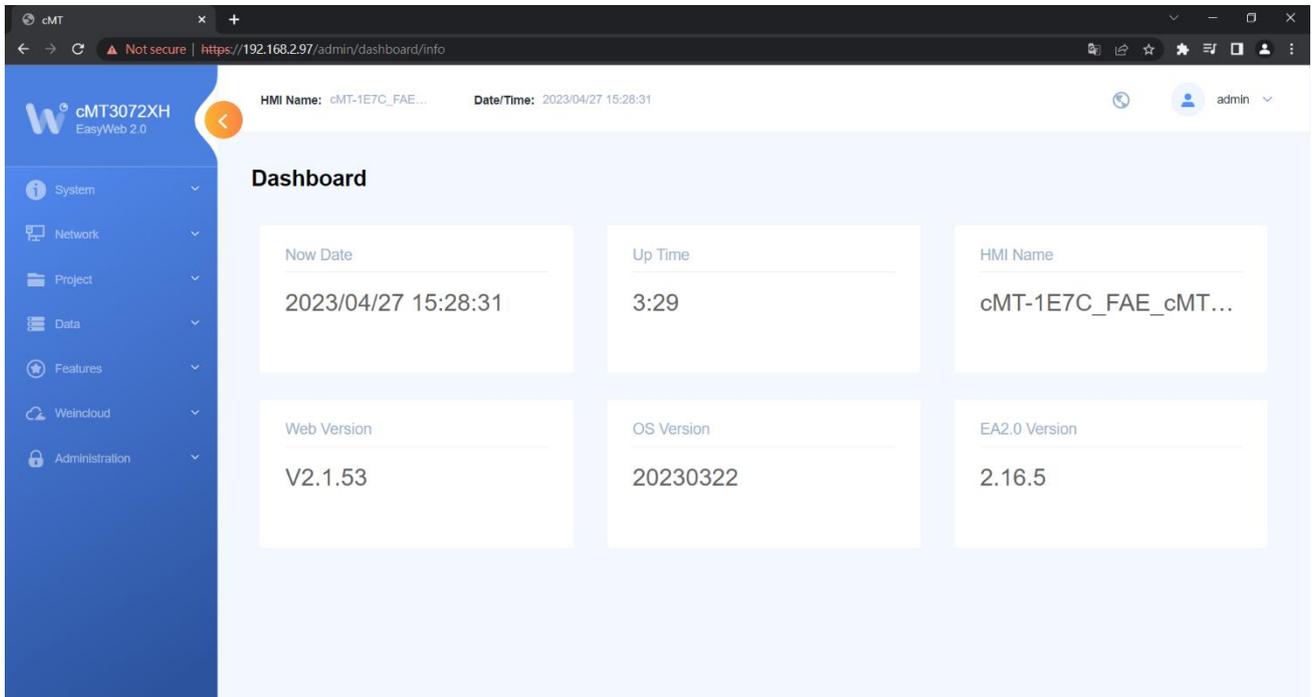
Password



1.4 Easyweb 2.0 Interface

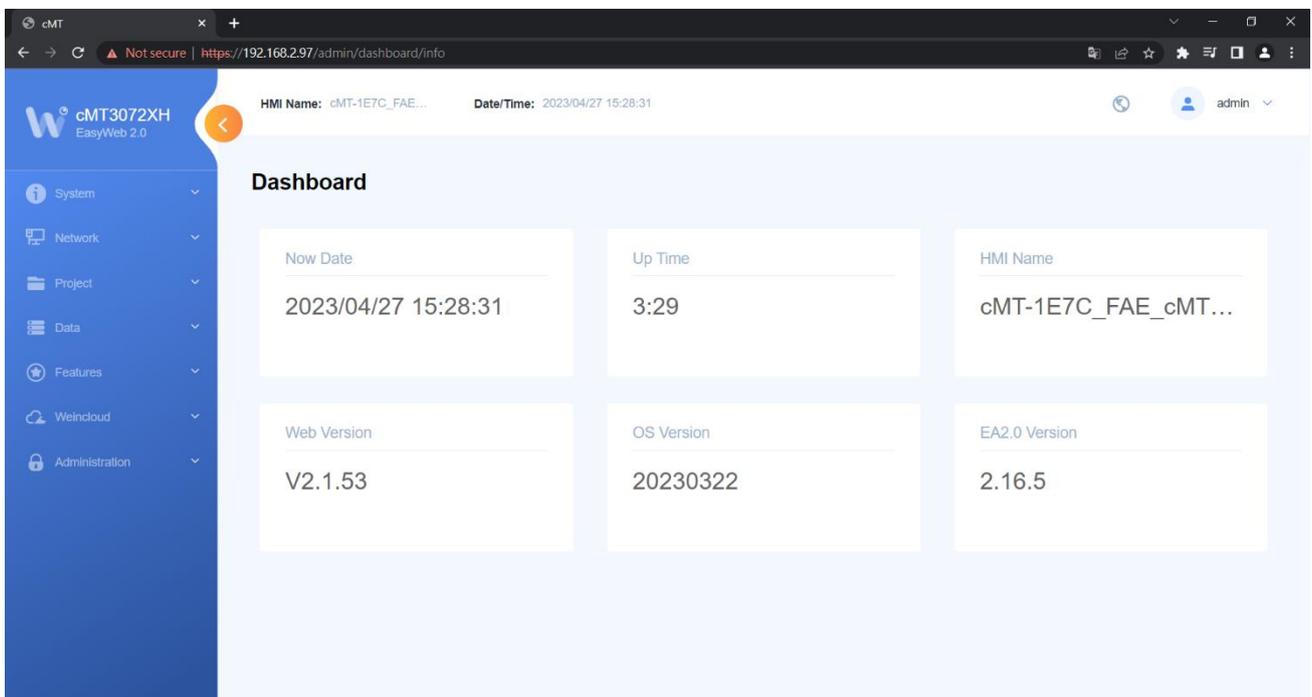
Dashboard

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



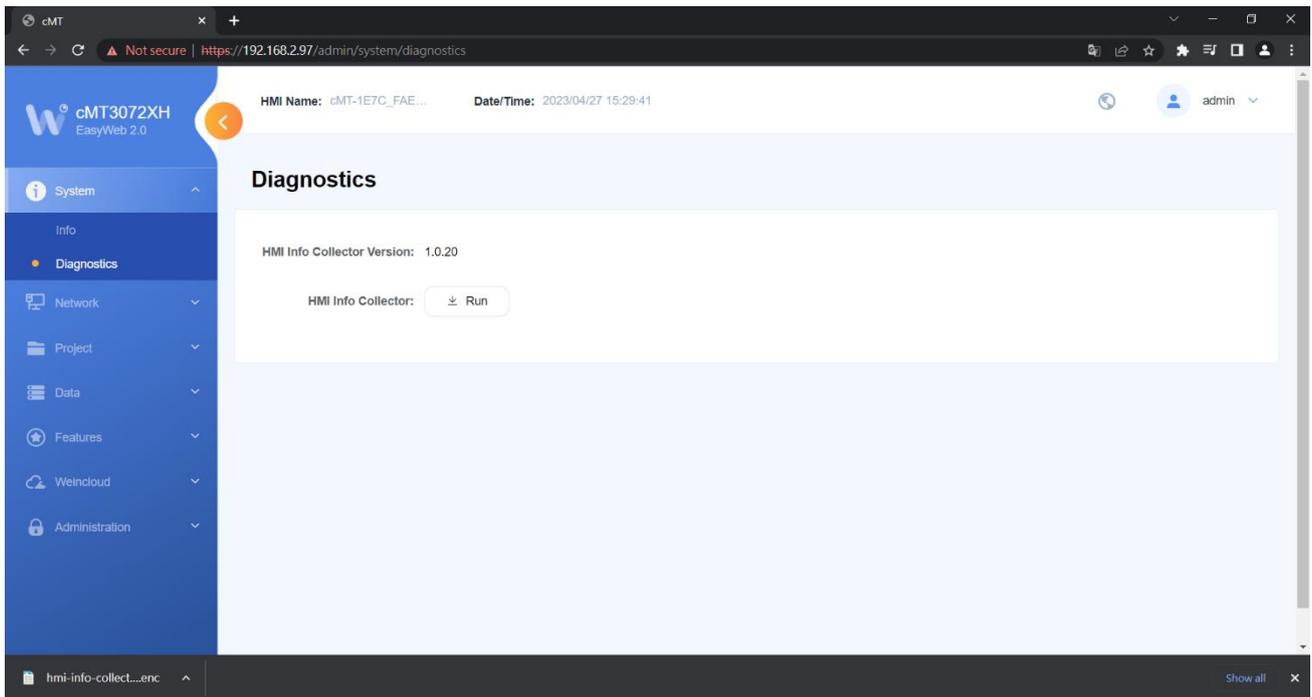
System » Info

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



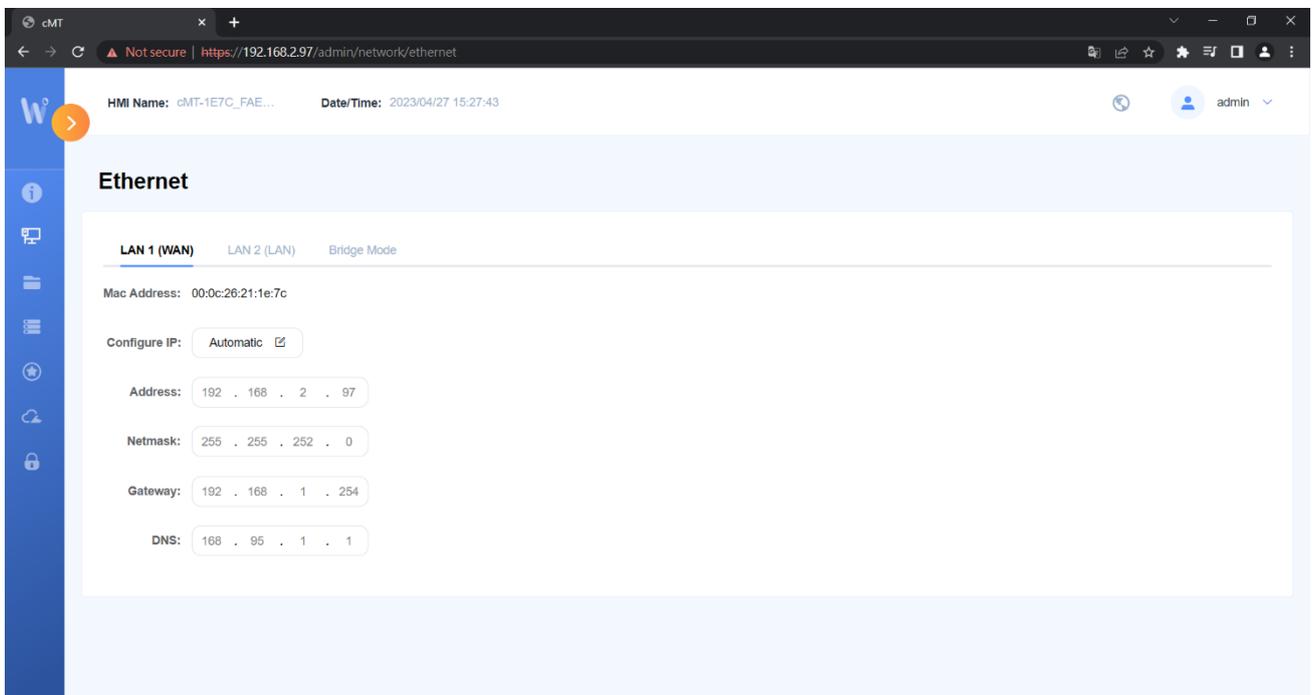
System » Diagnostics

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



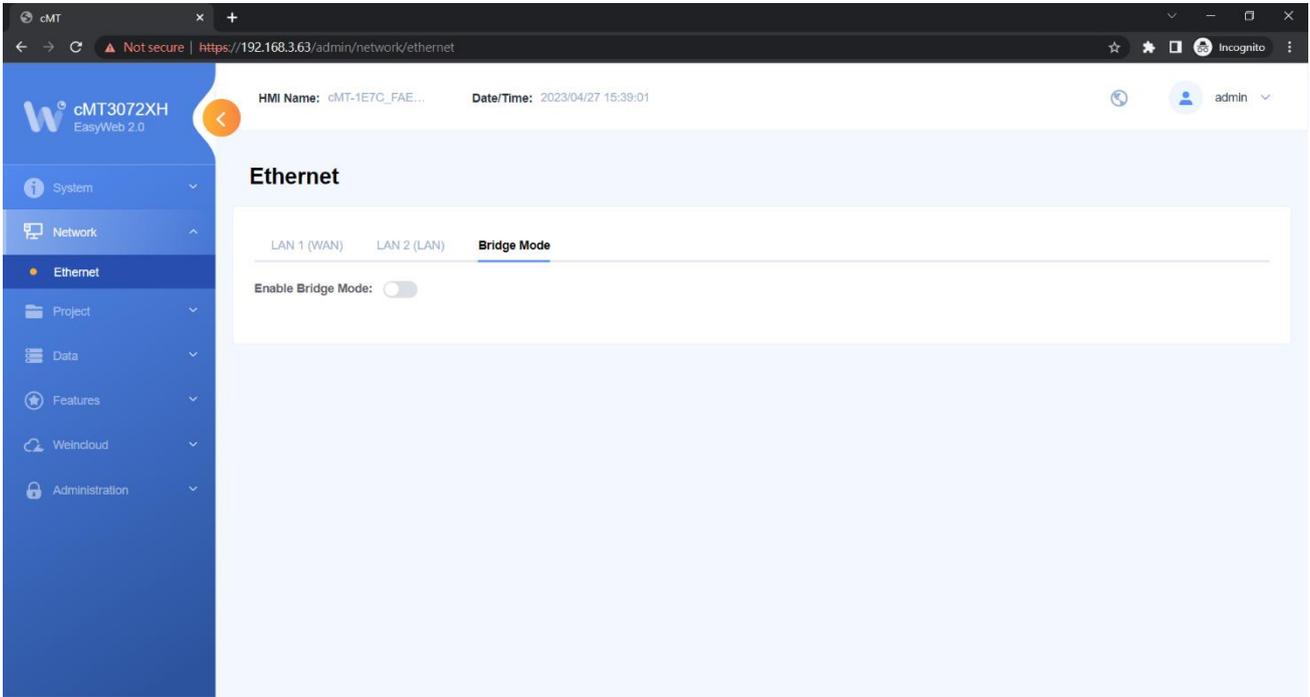
Network » Ethernet

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

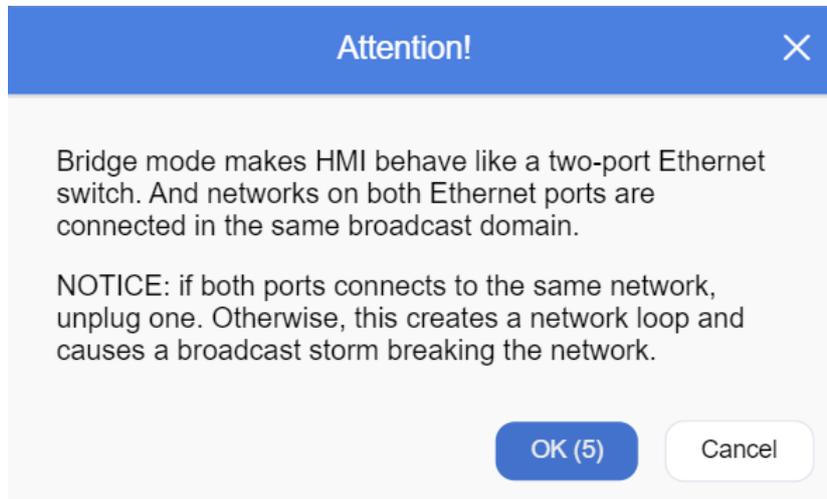


Bridge Mode

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.

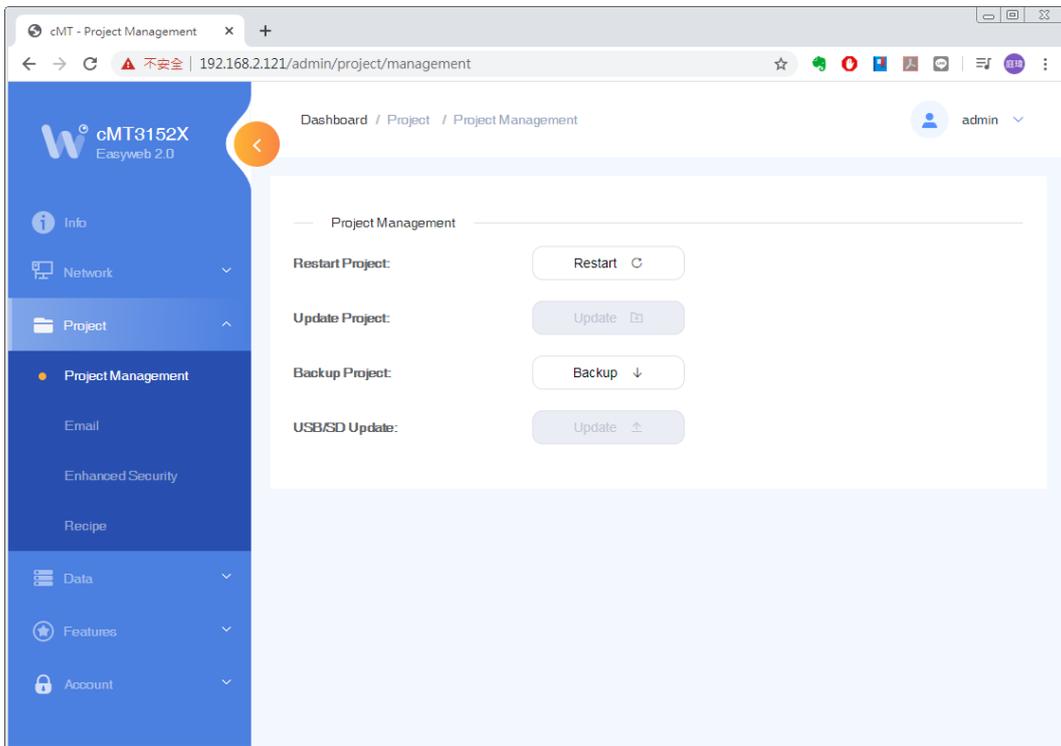


Enabling Bridge Mode triggers a confirmation window, which prompts users to verify the proper connection of the two Ethernet ports. Failure to do so could lead to a network loop and a broadcast storm. Once the connection is confirmed, click OK to proceed with the operation.



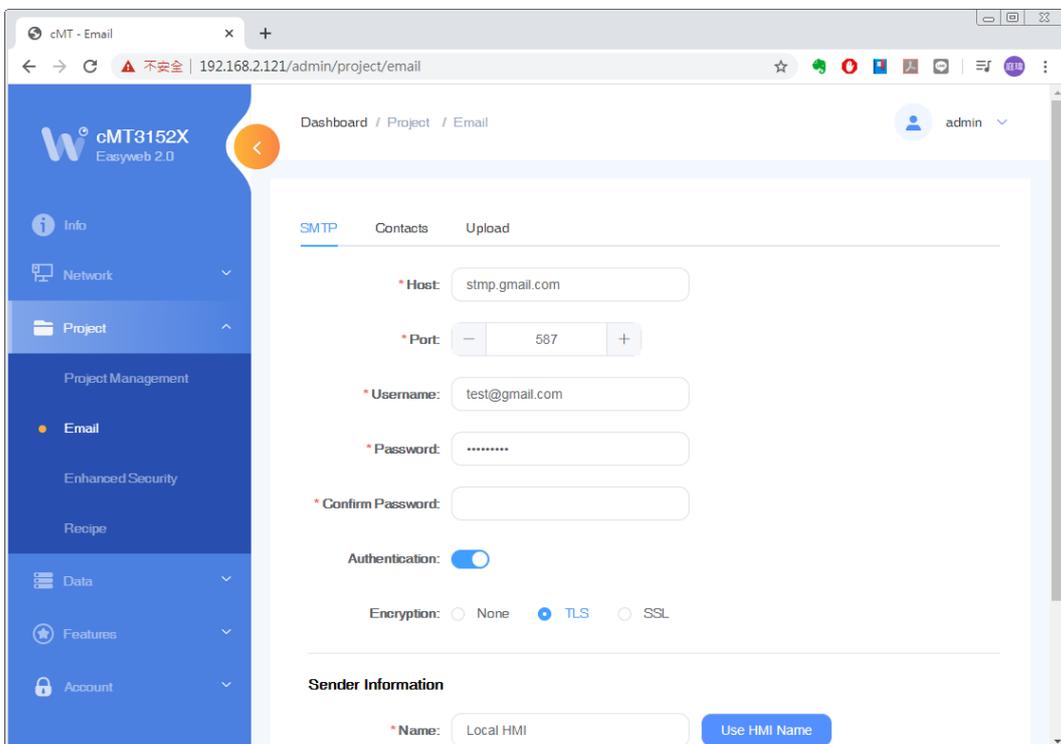
Project » Project Management

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



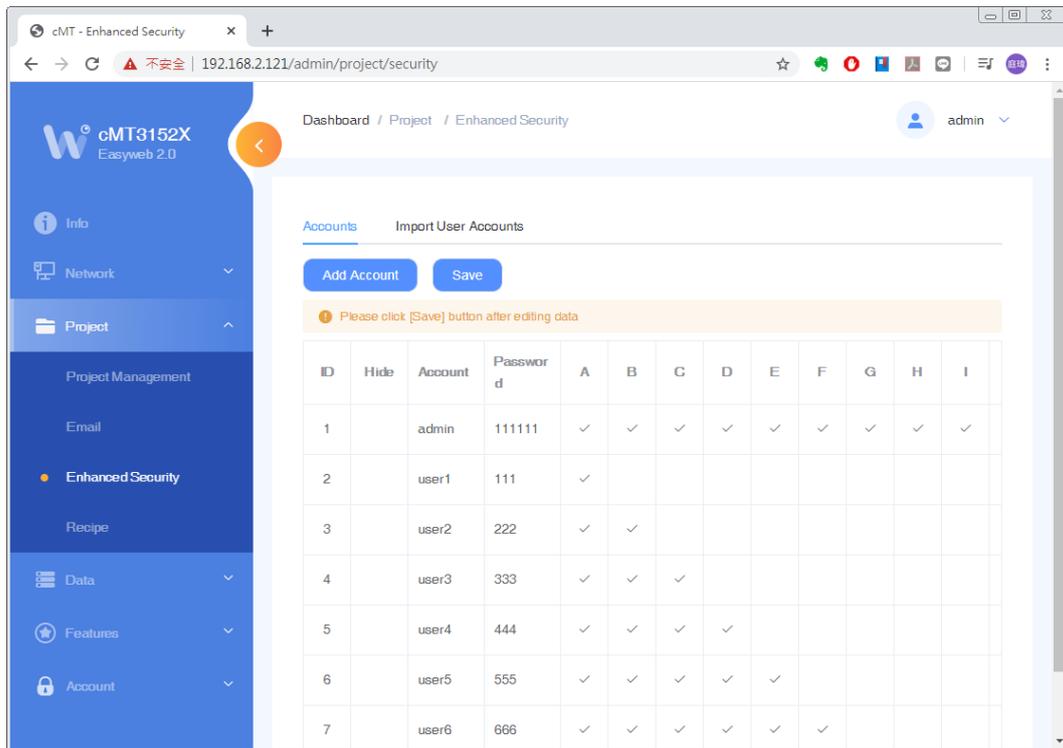
Project » Email

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



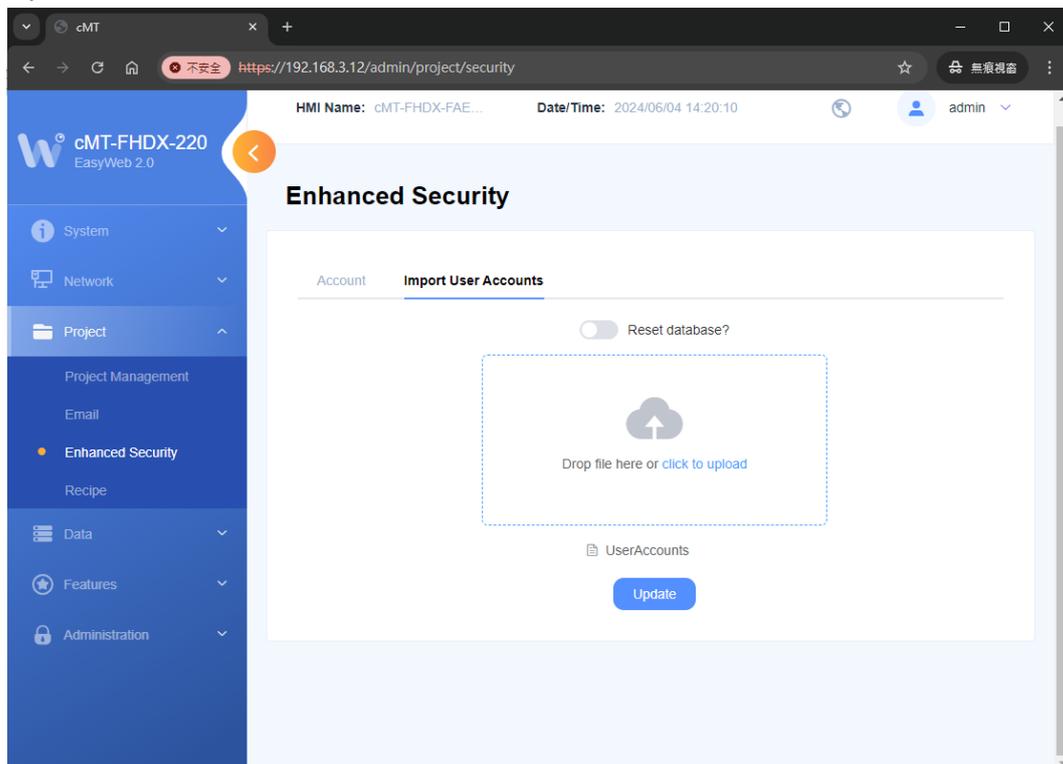
Project » Enhanced Security

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



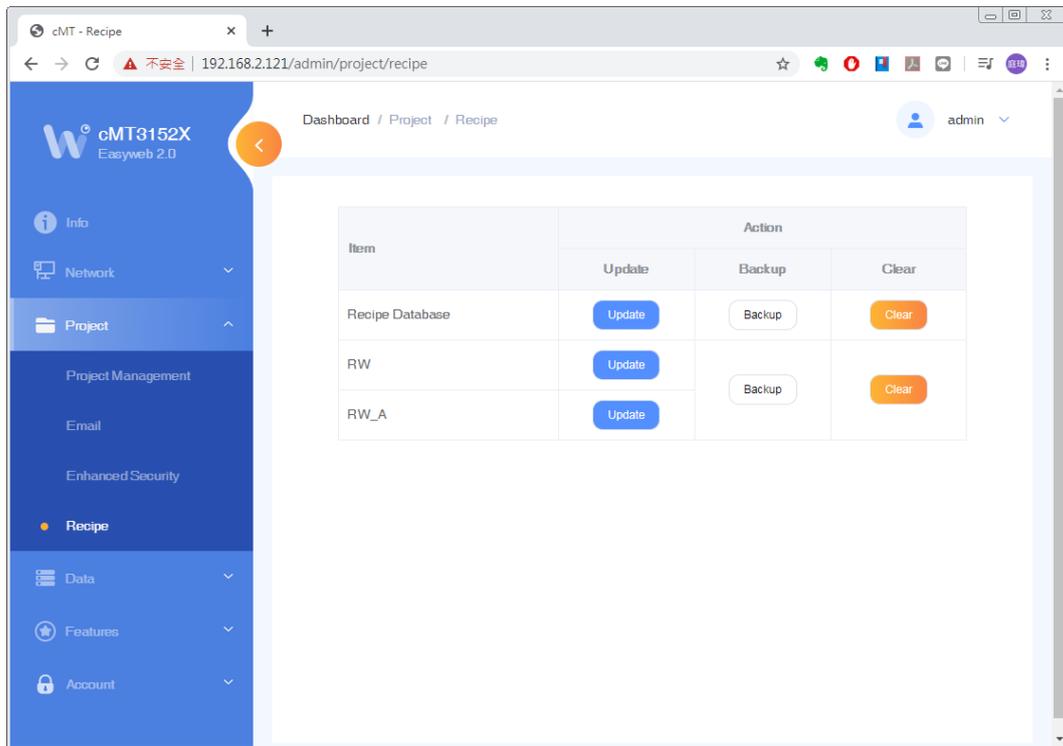
Import User Accounts

Import the UserAccounts file generated by [Administrator Tools]. If there are duplicate users, the import will fail. However, the [Reset database] option can be selected to overwrite and import successfully.



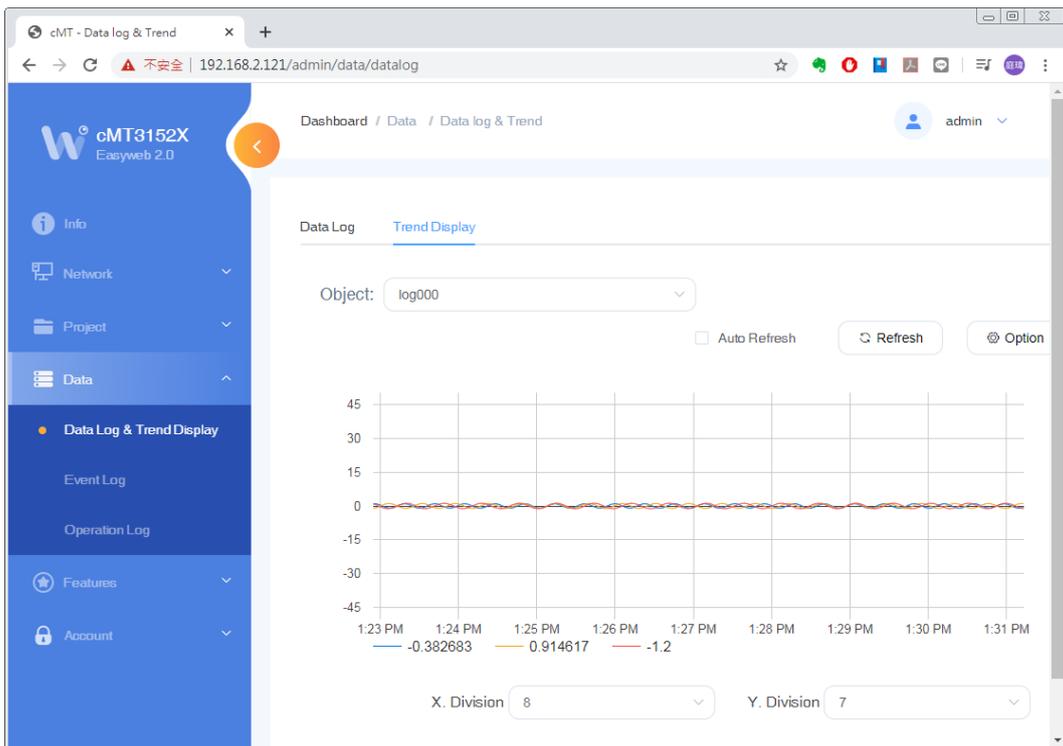
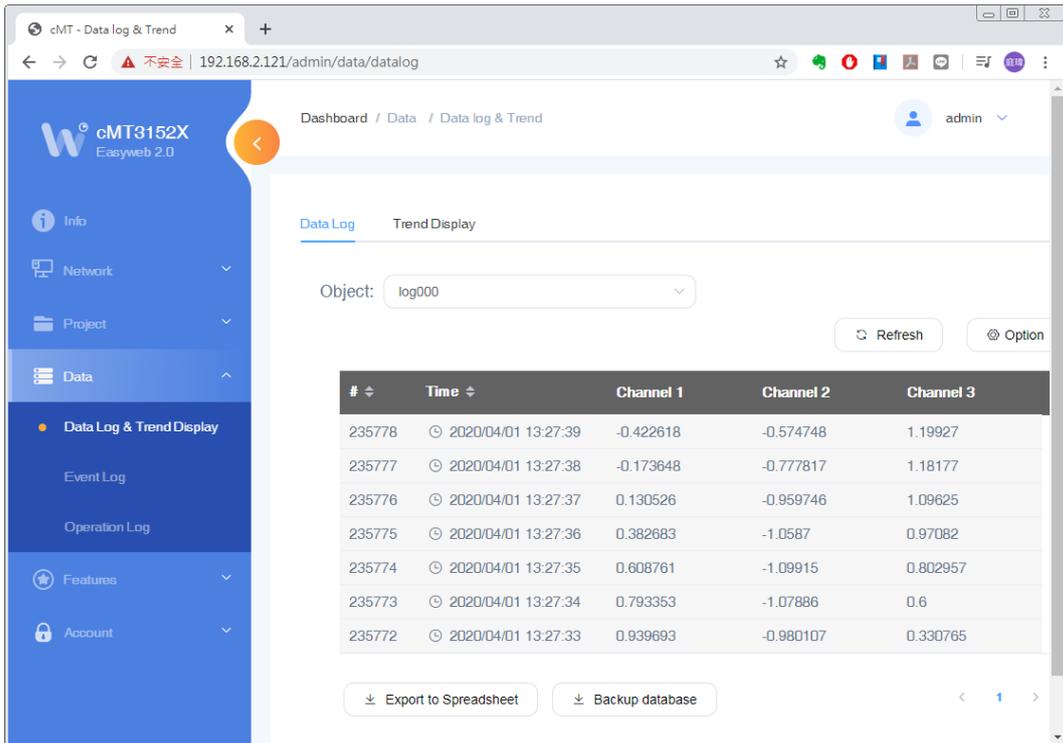
Project » Recipe

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



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 :

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)

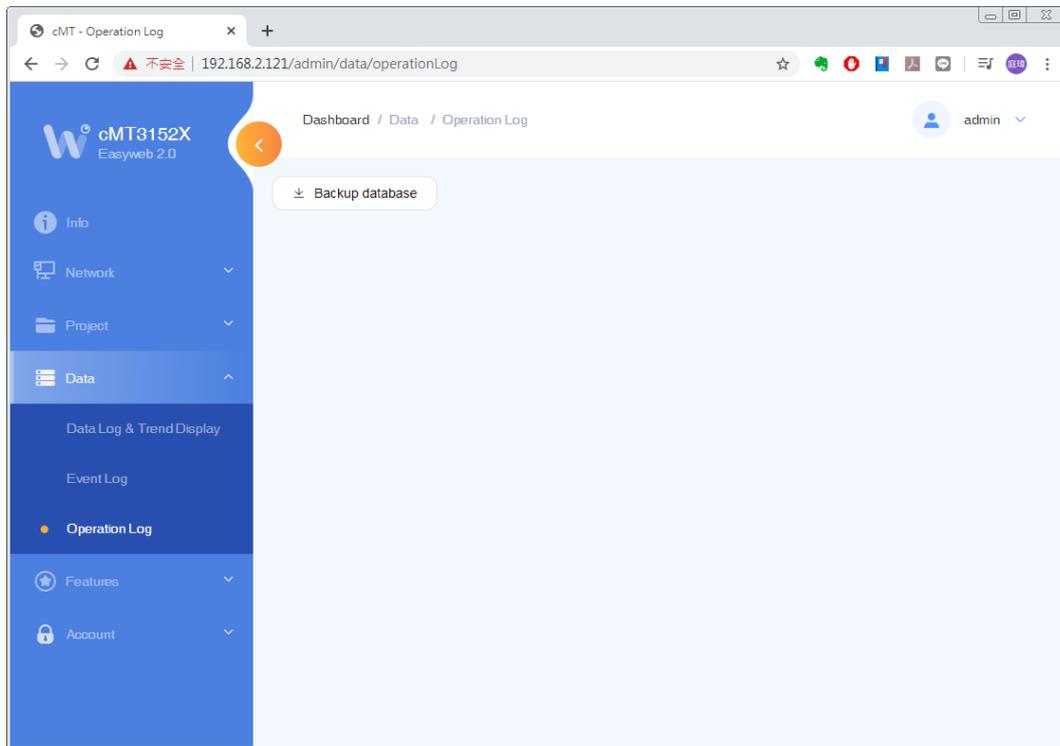
Keywords: Add terms

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

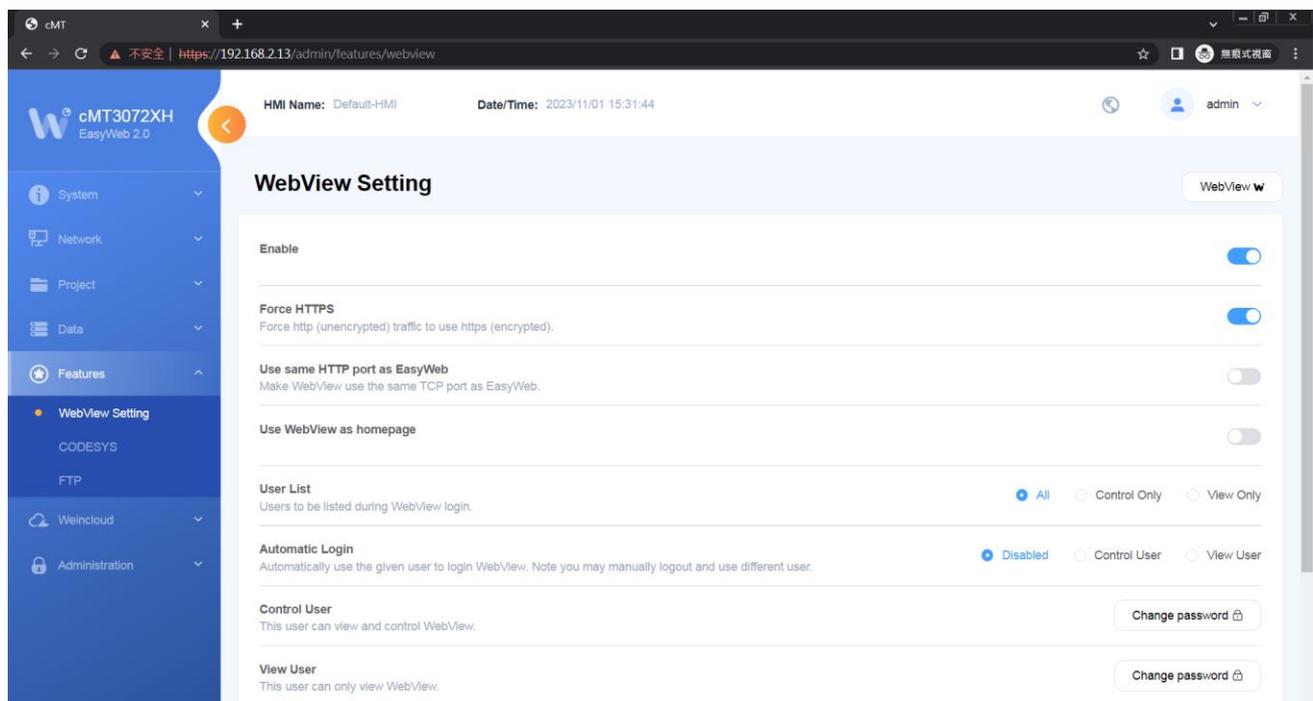
Data » Operation Log

In this page the user can back up operation logs.



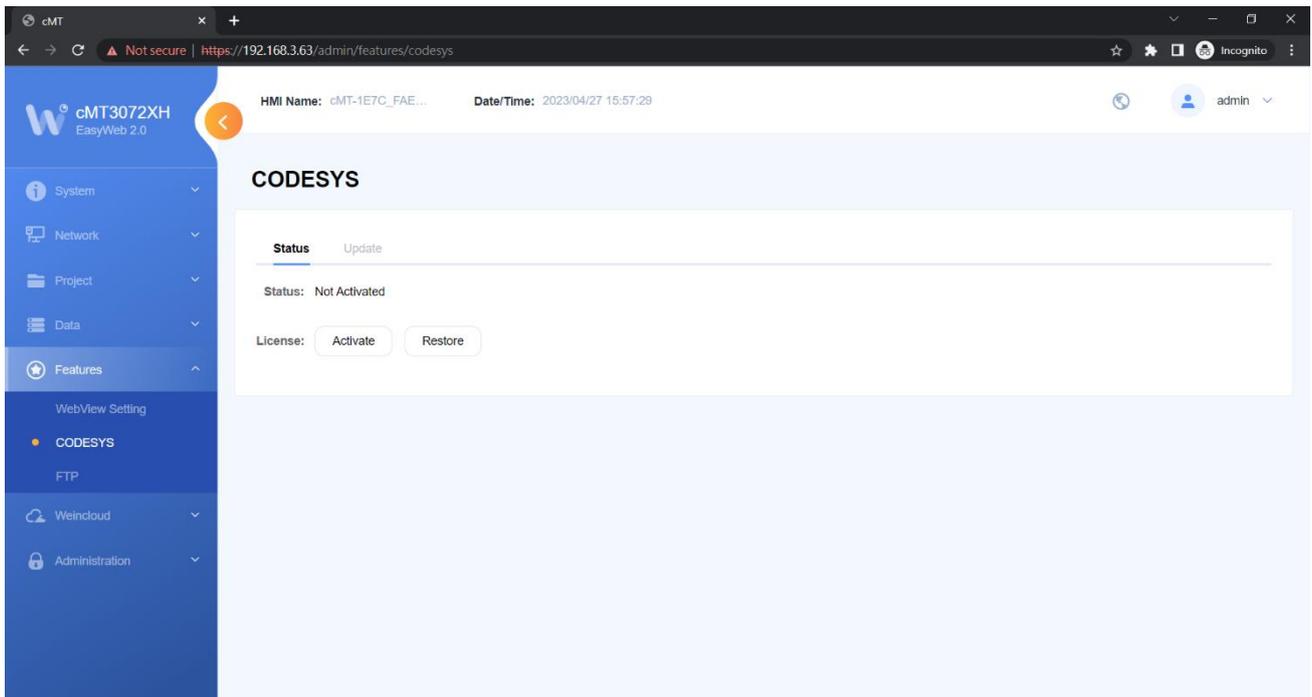
Features » Webview Setting

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



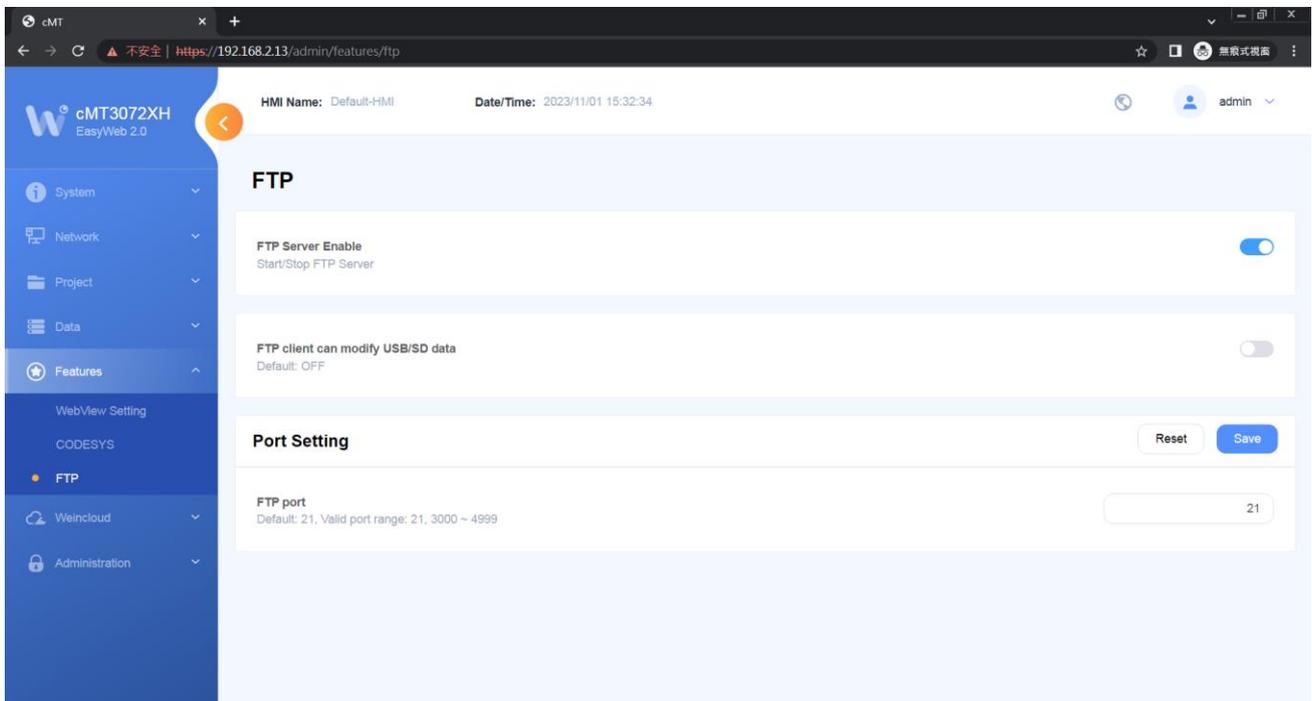
Features » CODESYS

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



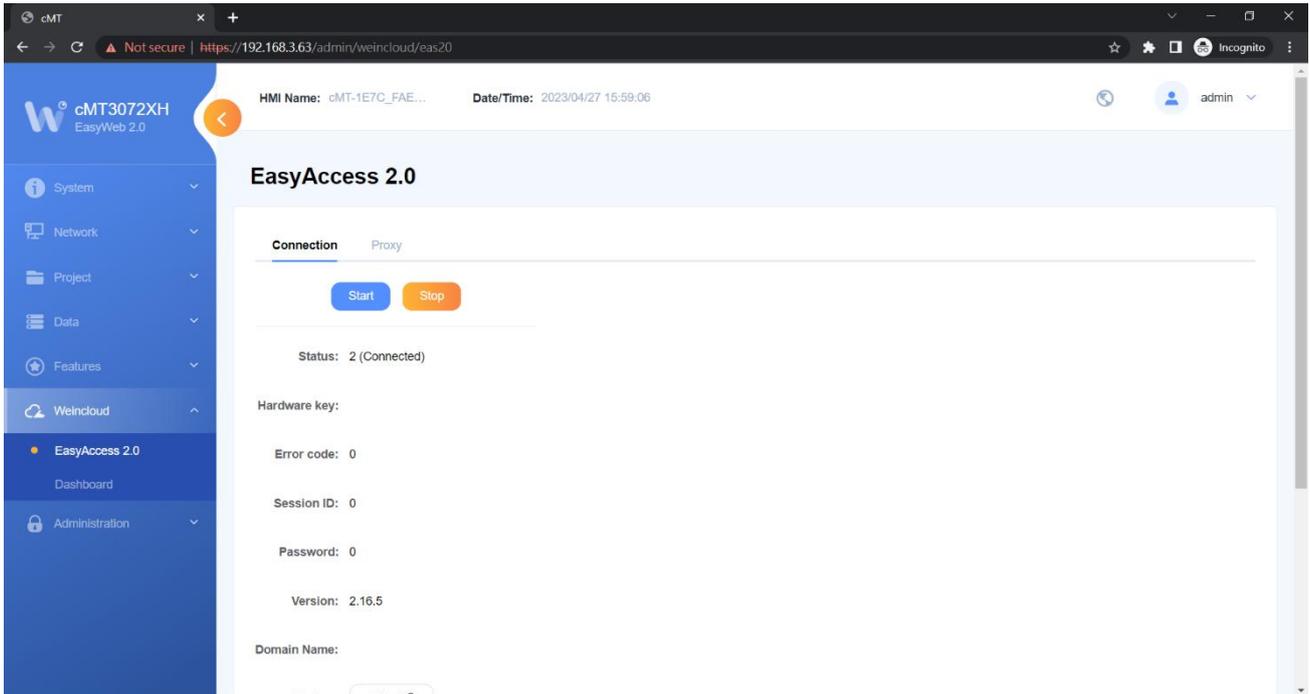
Features » FTP

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



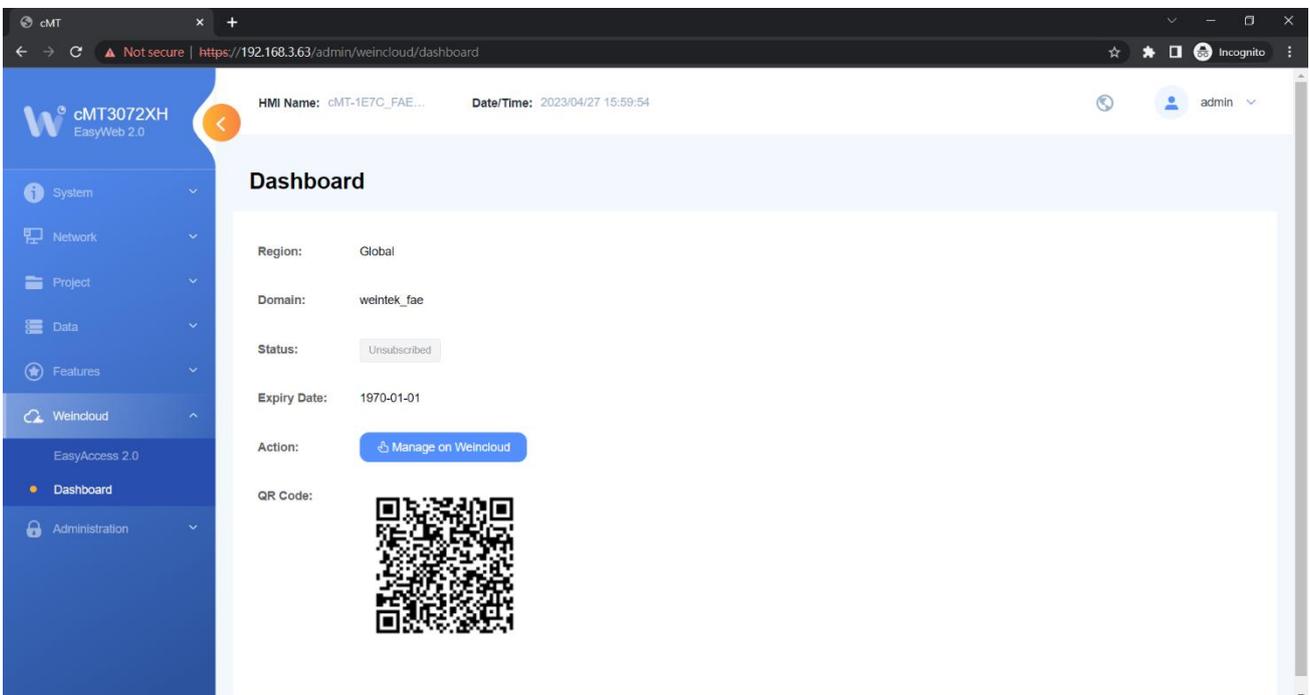
Features » EasyAccess 2.0

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

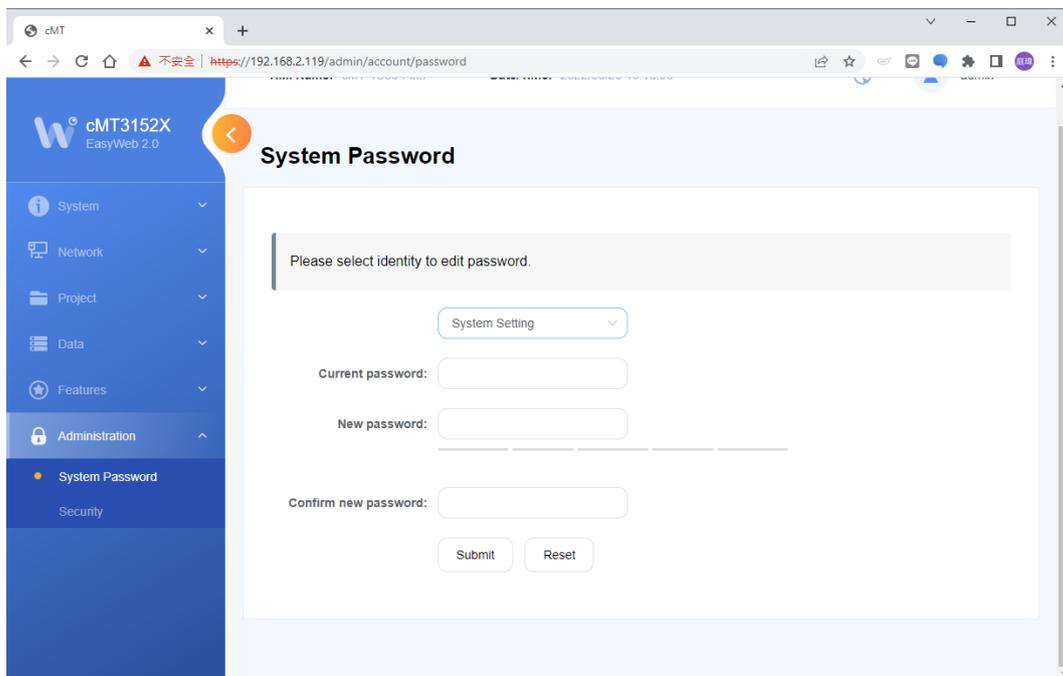
There are four different levels of password protection: System Setting, Update Project, History, and User, and in this page the user can change the passwords. The default passwords are 111111.

[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.



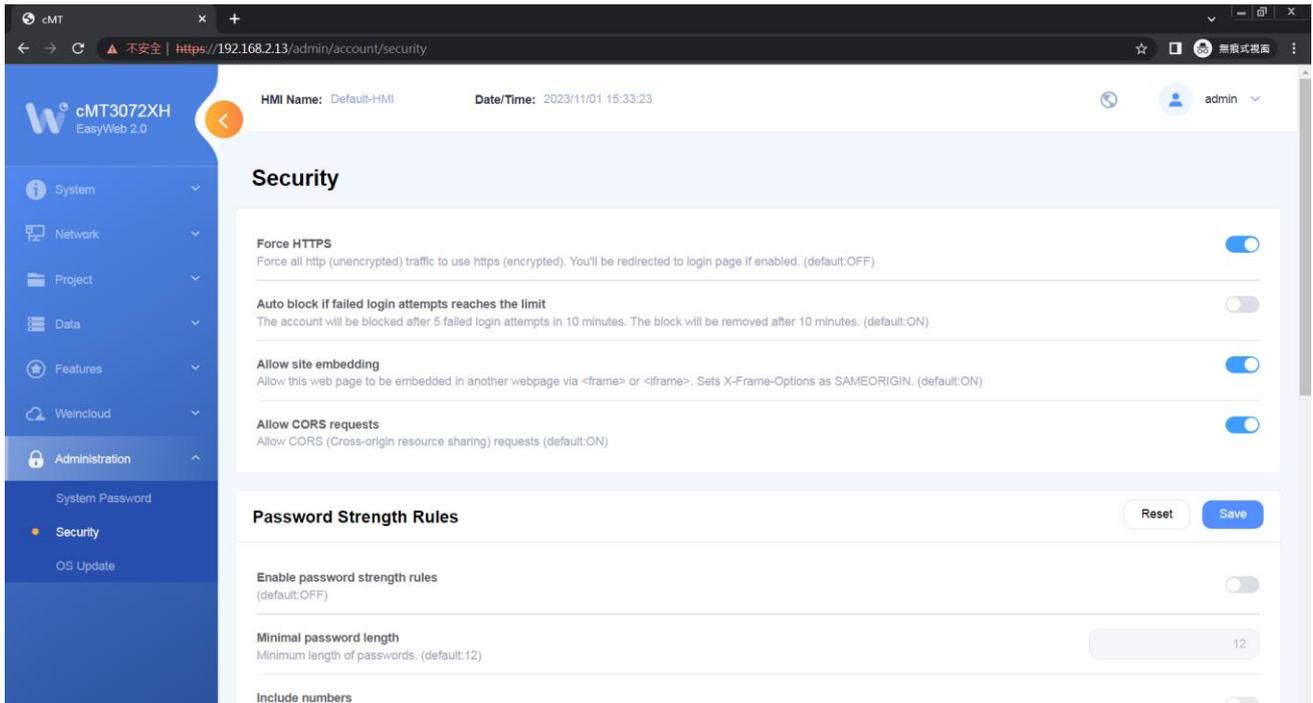
System Setting

Update Project

History

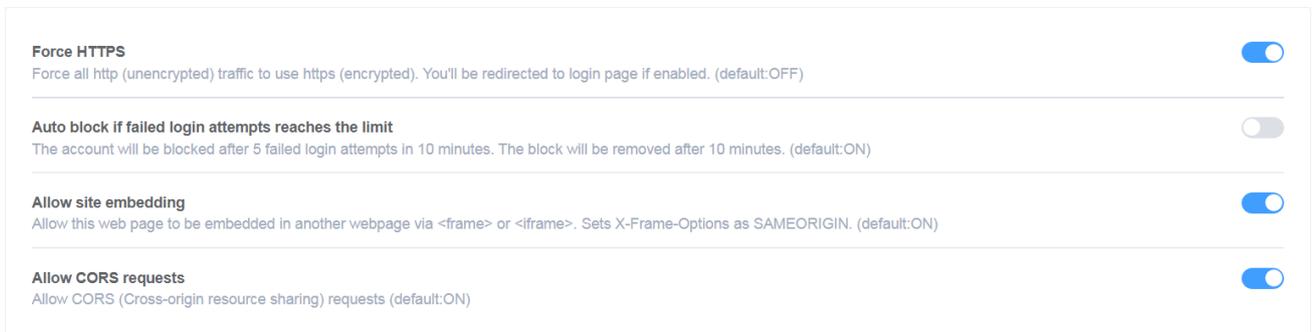
User

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.

Password Strength Rules

Enable password strength rules
(default OFF)

Minimal password length
Minimum length of passwords. (default 12) 12

Include numbers
Passwords must include numbers. (default OFF)

Include mixed cases
Passwords must include uppercase and lowercase characters (default OFF)

Include special characters
Passwords must include special characters. (!@#%&^&*()_+=[]{}:;'\|.,<.>/?) (default OFF)

[Password Expiration]

Set the password expiration policy.

Password Expiration

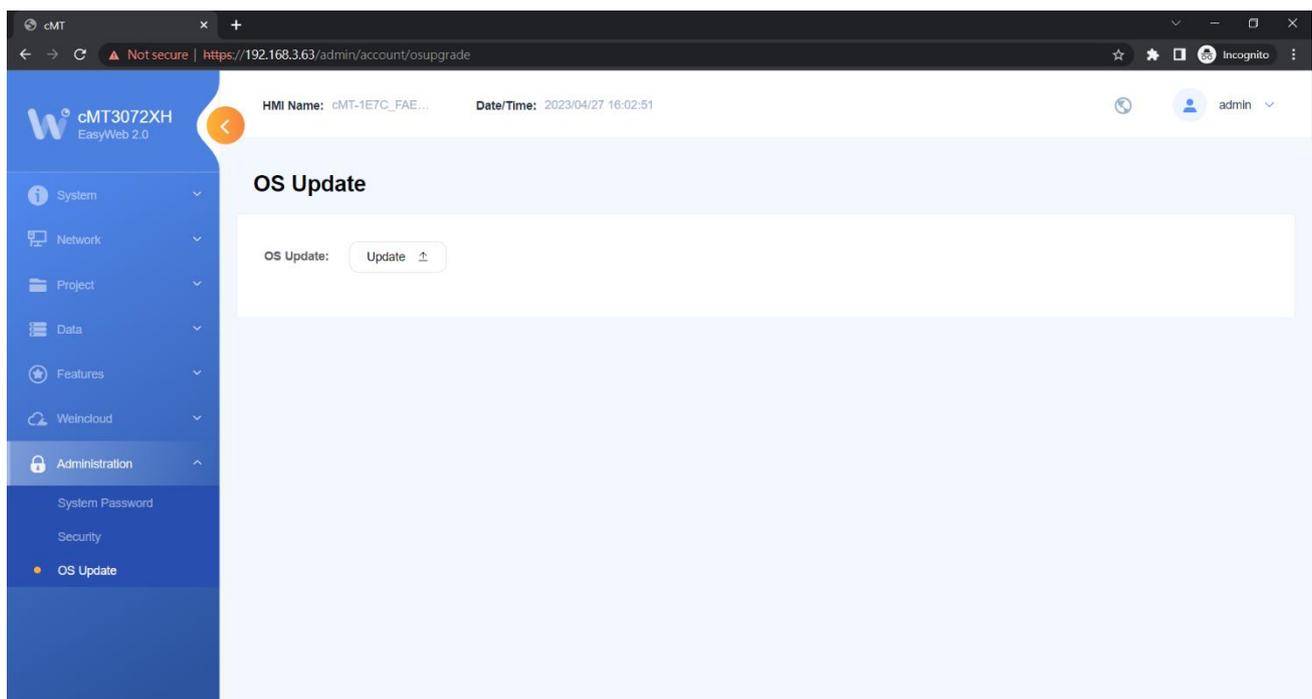
Enable password expiration
This enforces password updates when it expires. (default OFF)

Validity period
The validity period of passwords. (default 90) 90 days

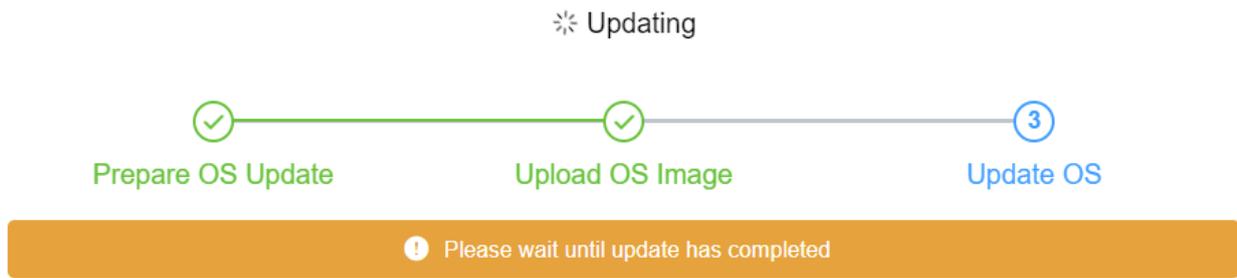
Enforce password update
Password update dialog cannot be closed unless the password is updated. (default OFF)

Administration » OS Update

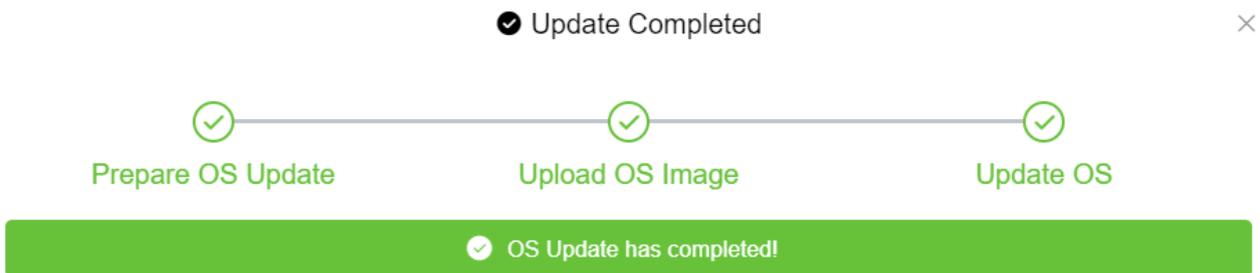
The OS can be updated by using EasyWeb 2.0.



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



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

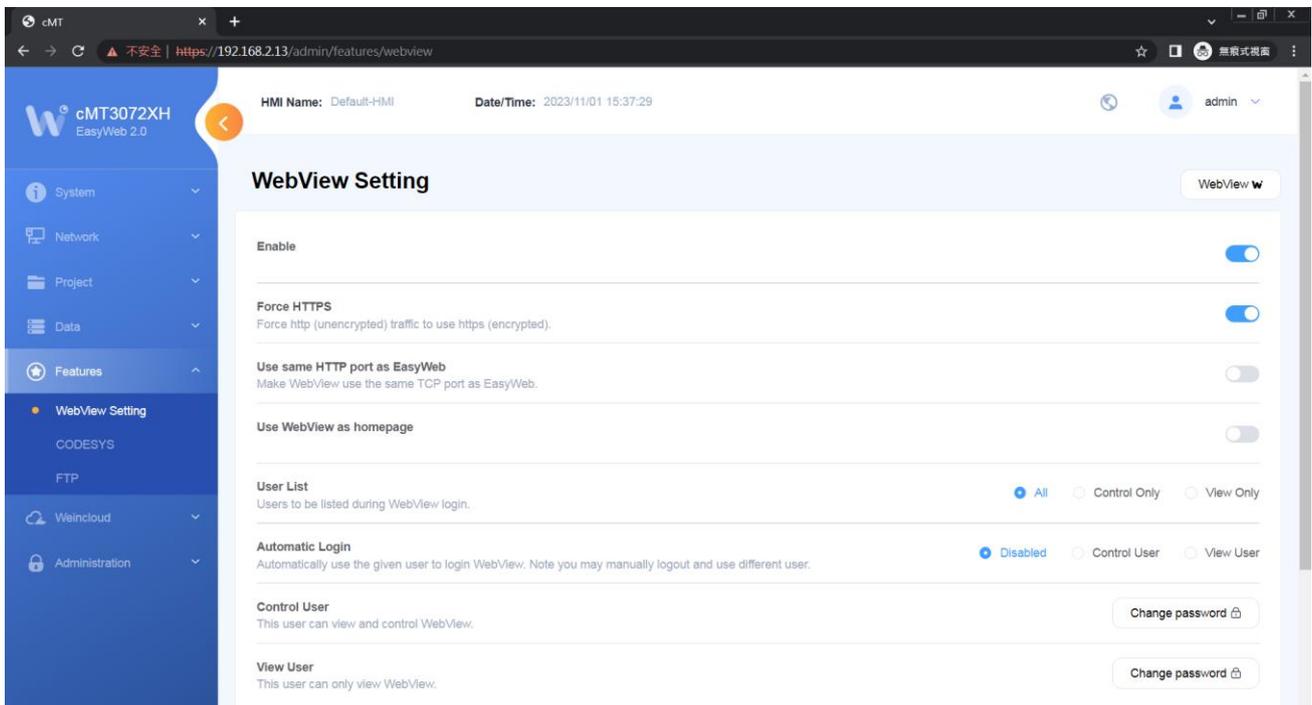
cMT X Series HMI can be monitored and controlled using an internet browser (Windows Edge, Chrome, or Firefox). Up to 4 users can log in simultaneously.

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.

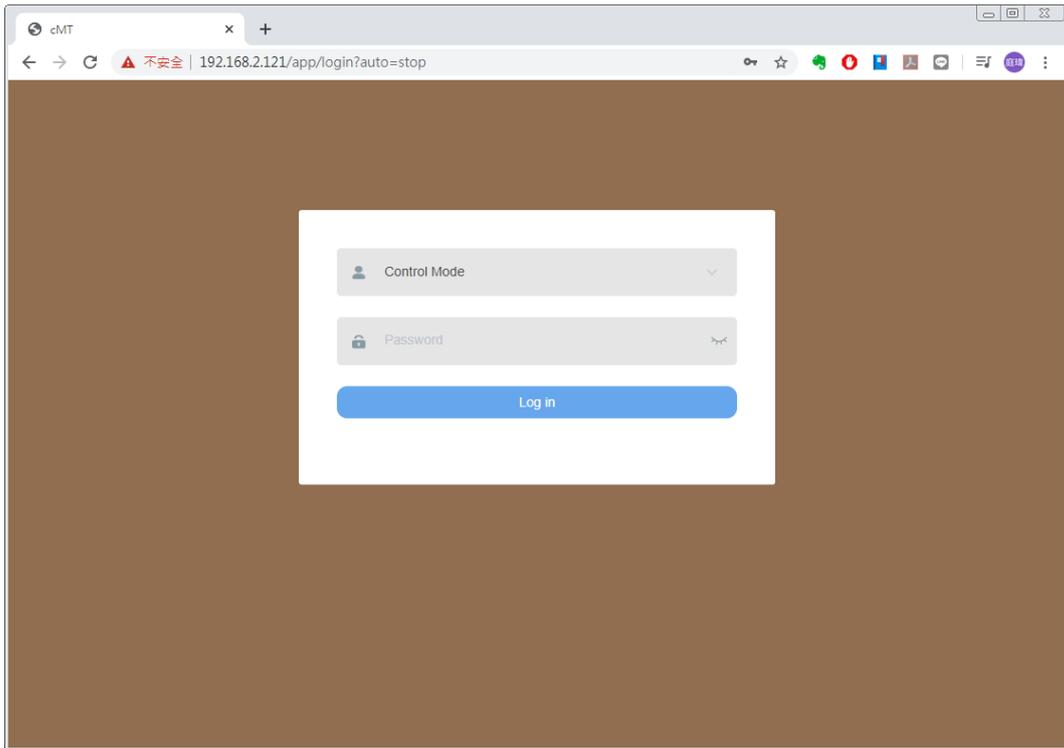
Force HTTPS: Enabling this will make Webview use HTTPS.

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

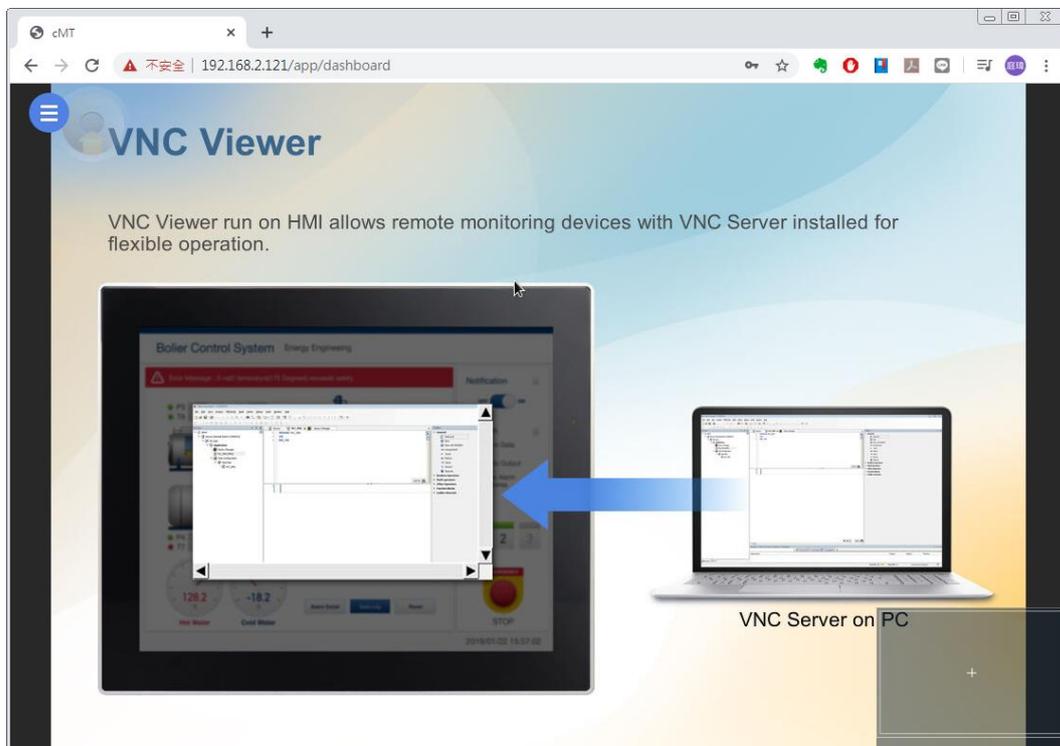


2.3 Log In Webview using an Internet Browser

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.



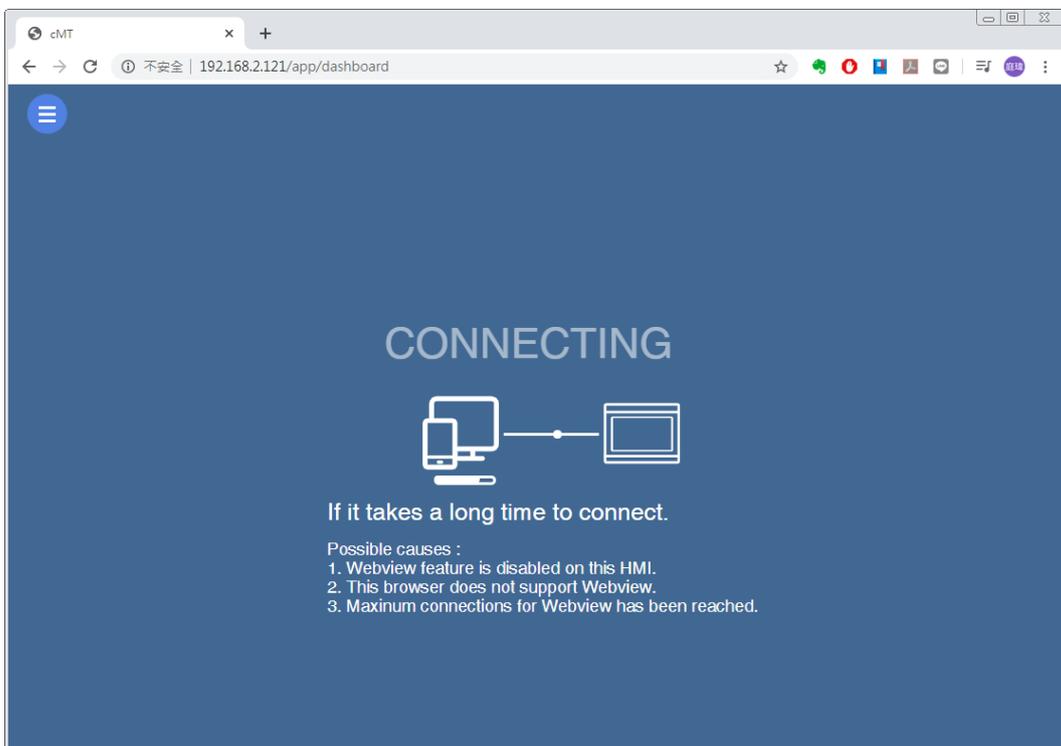
Note

- 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).



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