CoreStation Setup Manager

USER GUIDE

Version 1.00
English

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Introduction

The CoreStation Setup Manager is a web server that allows users to view or manage the network settings of CoreStation and monitor the status of slave devices, input and output ports, and Wiegand ports. The CoreStation Setup Manager allows users to check the status of the network and wiring in the field without going to the location of the BioStar 2 server when configuring the access control system using CoreStation.

NOTE

- CoreStation Setup Manager is supported with CoreStation firmware version 1.3.1 or later. If you are using a firmware version lower than 1.3.1, upgrade the CoreStation firmware on the BioStar 2.
- For more information on how to install and connect the CoreStation, refer to the installation guide. To download the installation guide, visit the Suprema website (https://www.supremainc.com).
- For any inquires or technical support concerning CoreStation and CoreStation Setup Manager, please contact the Suprema Technical Support Team (http://support.supremainc.com).

CoreStation Setup Manager allows the users to:

- Configure the IP address
- View CoreStation informations
- Set the administrator levels
- Check the connection status of the slave devices
- Monitor the status of Input, Output, and Wiegand ports
- Restore all settings or settings without network
- Factory Default

Initial Setup

The CoreStation Setup Manager provides web-based services. Therefore, when configuring the centralized access control system using the CoreStation, you can access the CoreStation Setup Manager through a web browser and check the connection status of the CoreStation from anywhere after the wiring is completed.

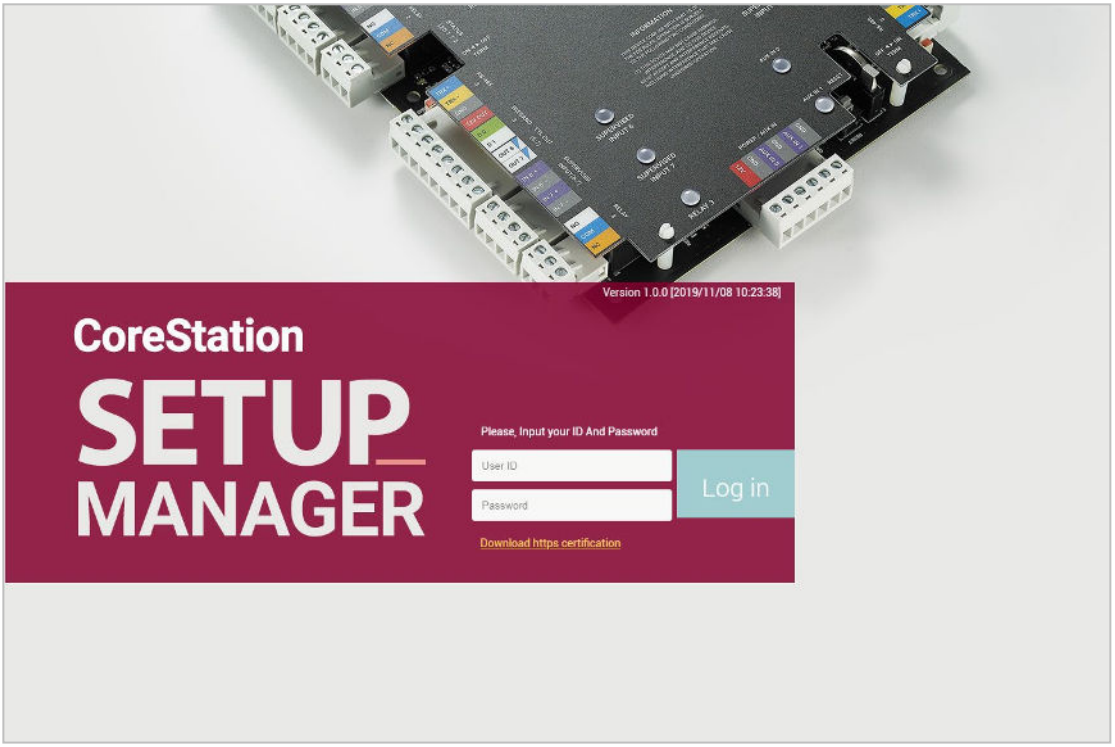
If you are using the CoreStation Setup Manager for the first time, connect the CoreStation and proceed with the initial setup.

1. Complete the CoreStation wiring.
2. Run your web browser.

NOTE

- We recommend that you use Google Chrome 75 or later.

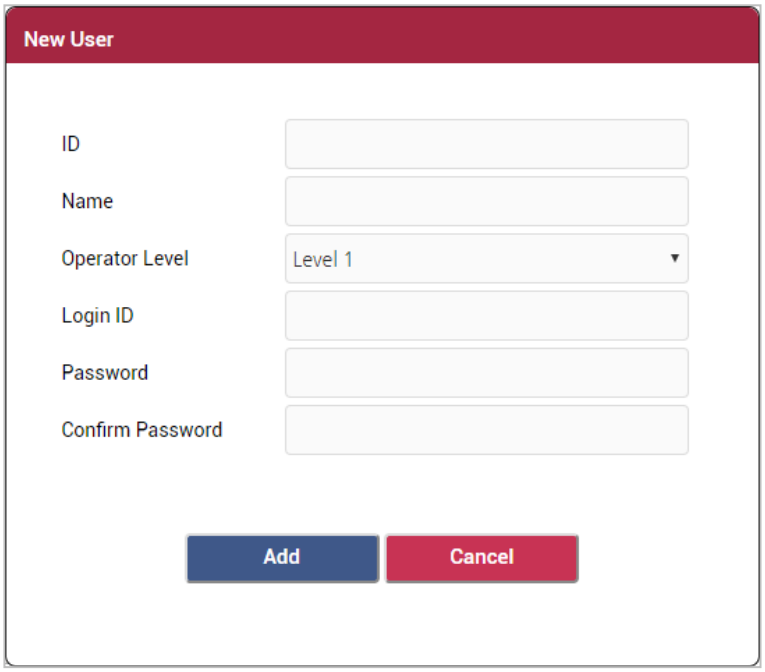
3. Enter the default IP address (**https://169.254.0.1:3001**) in the address input field of the web browser.
4. Click **Download https certification** on the login screen. The first time you log in to the CoreStation Setup Manager, you must install the certificate to use HTTPS properly.



5. Run **cs40_client.crt** file.
6. When the **Open File-Security Warning** window appears, click **Open**.
7. Click **Install Certificate...** in the **Certificate details** window. The **Certificate Import Wizard** will appears.
8. Click **Next** to continue.
9. Select the certificate store and click **Next** > **Finish** > **OK**.

10 Enter your User ID and Password. The user ID and password are both '**admin**' when first connected.

11 Set the Level 1 administrator by referring to Adding Admin Accounts and click **Add**.



NOTE

- After adding the Level 1 administrator, you cannot use the default User ID and Password that used when you first connected.

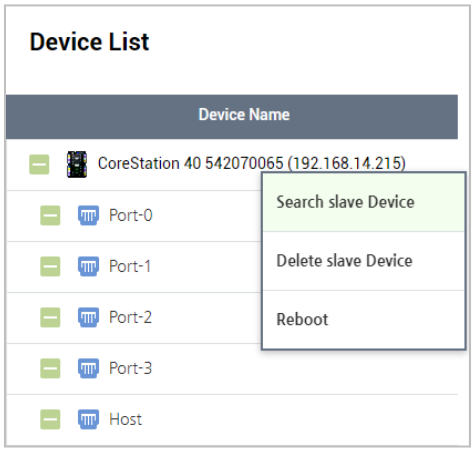
Configuration

Slave Device Search and Registration

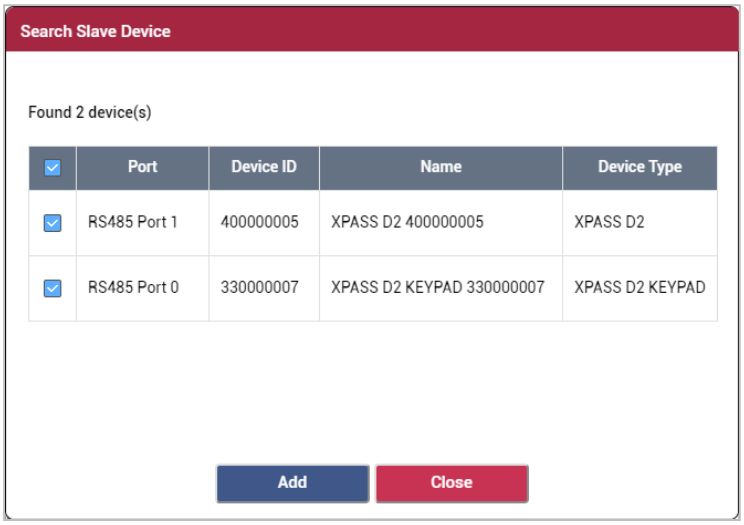
You can easily expand your access control system network by adding slave devices to the CoreStation. CoreStation (master device) and slave devices can be connected together via RS-485. Besides regular devices, additional devices such as Secure I/O can be connected.

1 Click CONFIGURE.

2 Right-click CoreStation in the Device List and click Search slave Device. The list of slave devices connected to the CoreStation is shown.



3 Select the device to register as a slave and click Add. Otherwise, you can add slave devices by selecting each port.

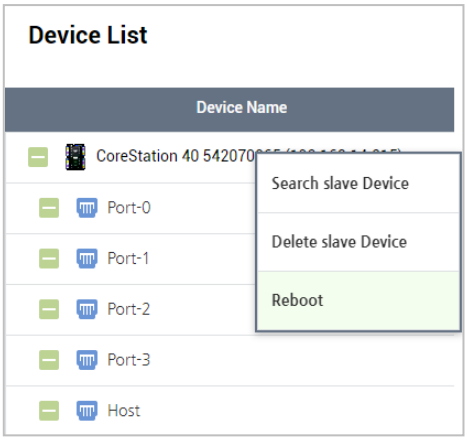


Rebooting the Device

You can reboot the device.

1 Click **CONFIGURE**.

2 Right-click CoreStation in the Device List and click **Reboot**.



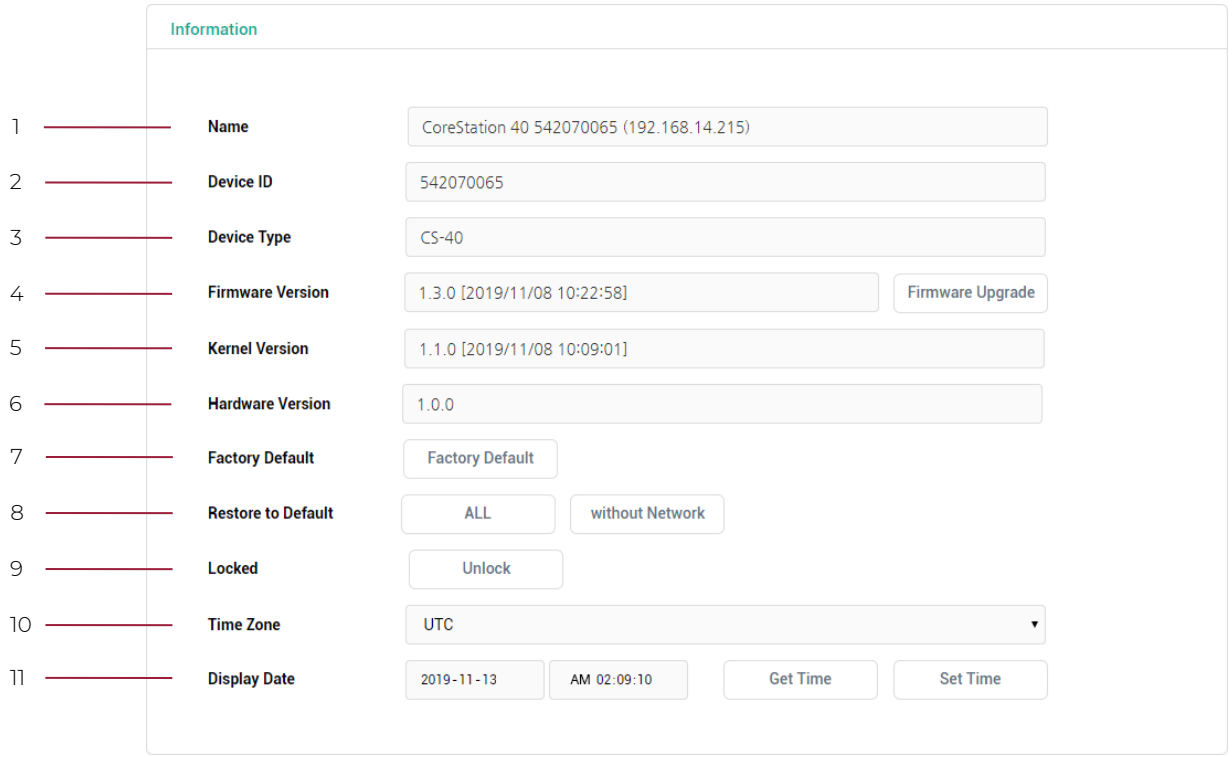
Editing Device Settings and Informaion

You can edit detailed settings of CoreStation.

1 Click **CONFIGURE**.

2 Edit the necessary items.

Information



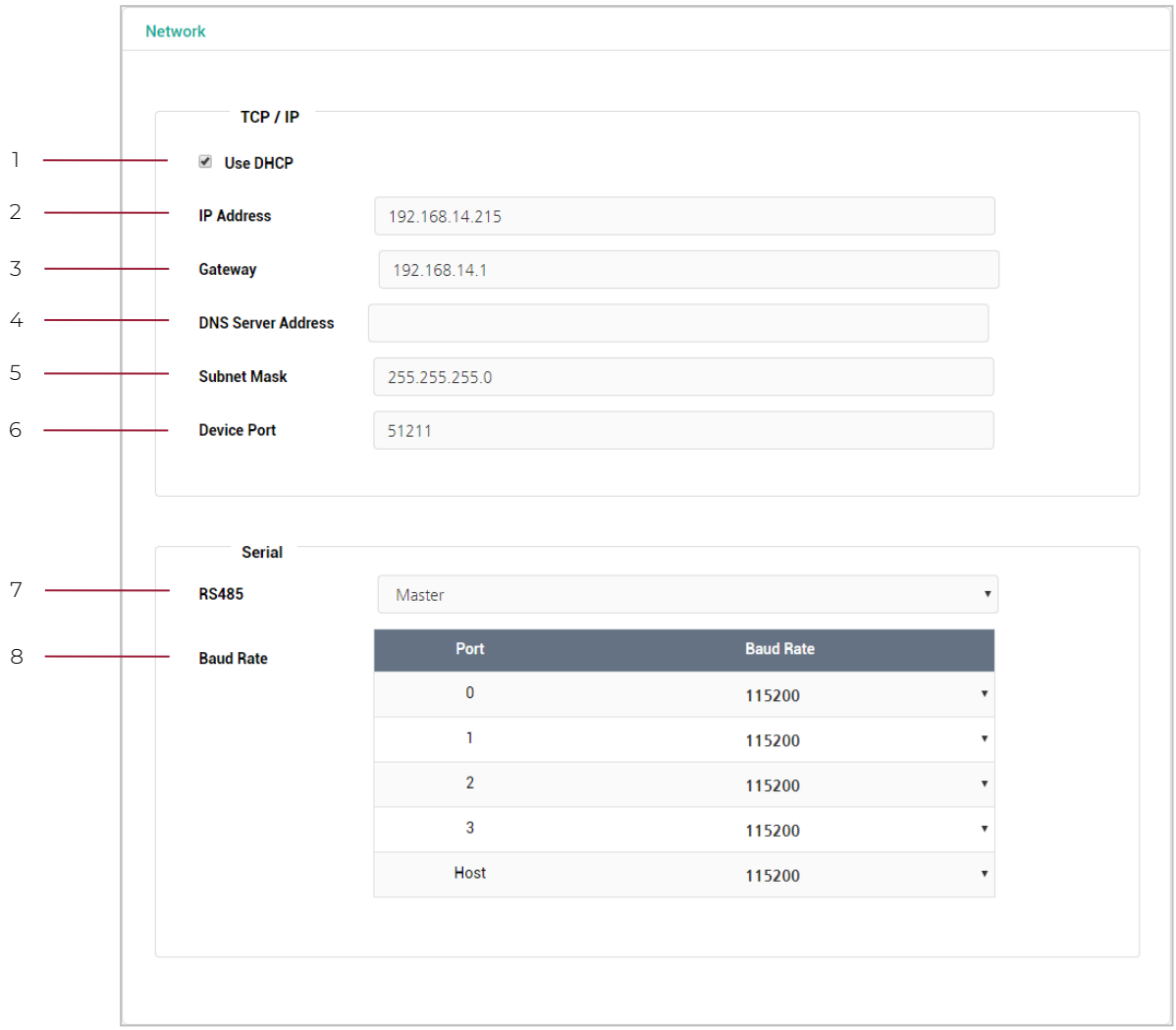
No.	Item	Description
1	Name	View the device name.
2	Device ID	View the device ID.
3	Device Type	View the device type.
4	Firmware Version	Click **Firmware Upgrade** to install a new firmware version.
5	Kernel Version	View the kernel version.
6	Hardware Version	View the hardware version.
7	Factory Default	Delete all the information saved in the device and the root certificate and restore default settings.
8	Restore to Default	Reset the settings of the device. • **ALL**: Reset all settings. • **without Network**: Reset all settings excluding the network settings.
9	Locked	**Unlock** button will be available when the device is disabled via Trigger & Action.

10	Time Zone	Set the time zone of device.
11	Display Date	Set the date and time manually. • **Get time**: Click the button to fetch the time set in the device. • **Set time**: Click the button to apply the time in CoreStation Setup Manager to the device.

NOTE

- The **Factory Default**, **All**, and **Unlock** buttons are enabled only when logged in with a Level 1 administrator account.

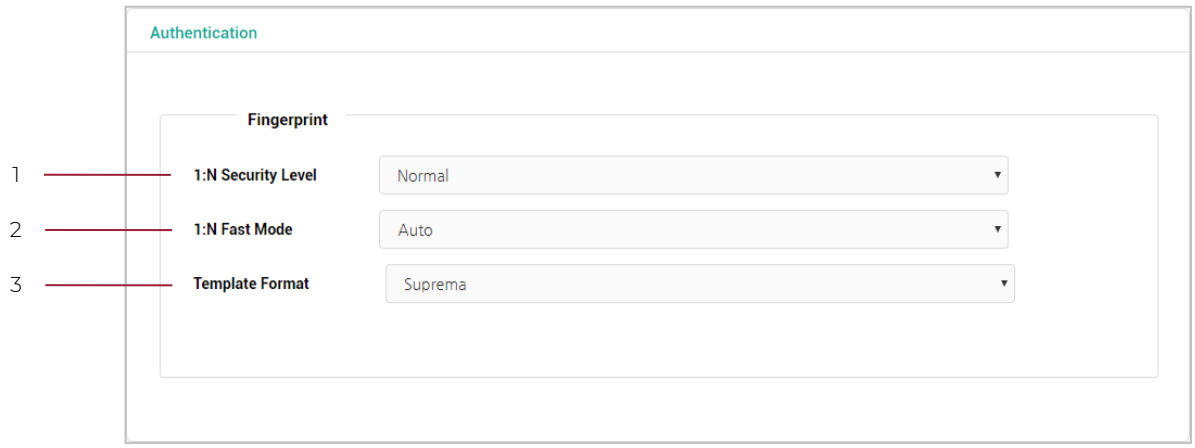
Network



No.	Item	Description
1	Use DHCP	Select this option to allow the device to use a dynamic IP address. If this option is selected, network settings cannot be entered.
2	IP Address	View the IP address of the device.

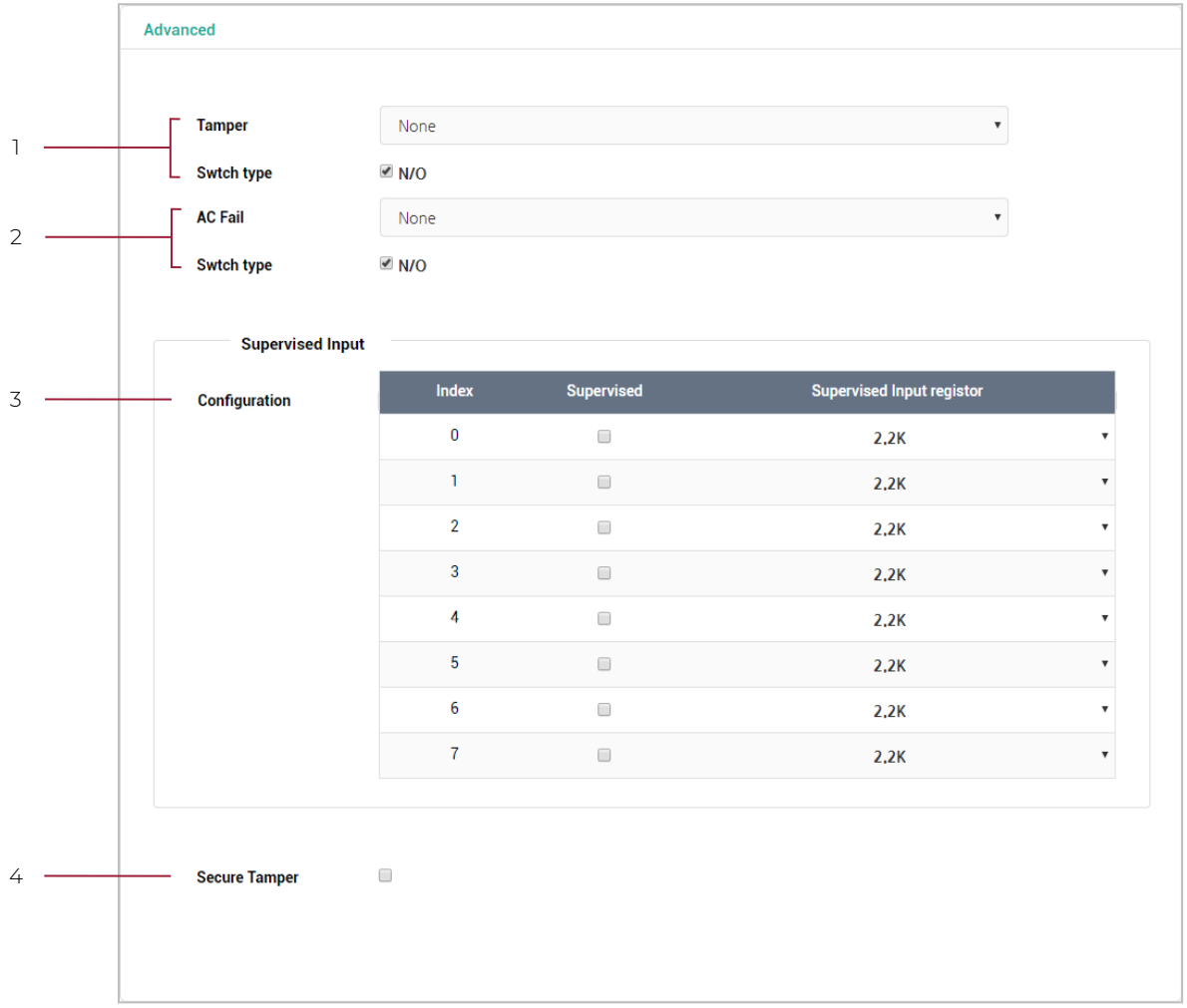
3	Gateway	View the gateway of the device.
4	DNS Server Address	Set the DSN server address.
5	Subnet Mask	View the subnet mask of the device.
6	Device Port	Enter a port to be used by the device.
7	RS485	You can only use **Master**.
8	Baud Rate	Set a baud rate of the RS-485 connection.

Authentication



No.	Item	Description
1	1:N Security Level	You can set a security level to use for fingerprint. The higher the security level is set, the false rejection rate (FRR) gets higher, but the false acceptance rate (FAR) gets lower.
2	1:N Fast Mode	You can set the fingerprint authentication speed. Select **Auto** to have the authentication speed configured according to the total amount of fingerprint templates registered within the device.
3	Template Format	You can view the fingerprint template format.

Advanced



No.	Item	Description
1	Tamper	You can set the AUX port where the tamper is connected.
2	AC Fail	You can set the AUX port that monitors the power input signal.
3	Configuration	You can set the supervised input port of CoreStation to be used as TTL input port and set a resistance value to be used for supervised input. 1kΩ, 2.2kΩ, 4.7kΩ and 10kΩ can be set for the resistance value.
4	Secure Tamper	You can set the secure tamper to delete the entire user information, the entire log, and the security key stored on the device when a tamper event occurs on the device.

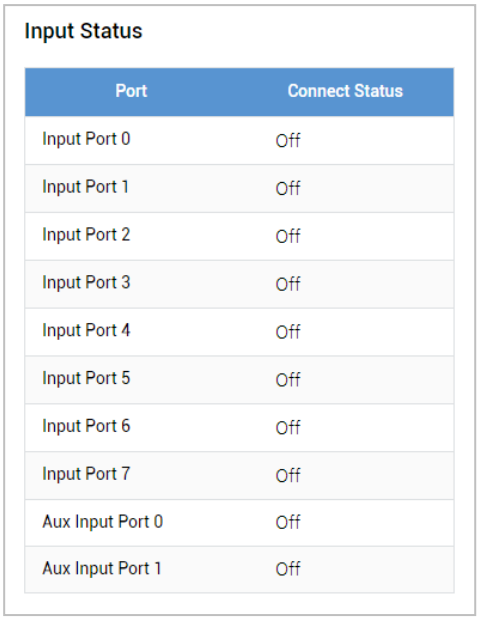
3 Click **Apply** to save the settings.

Monitoring

After completing the wiring, you can check the status of the Input and Output in the CoreStation in real time. You can also view the card ID read by the connected Wiegand reader.

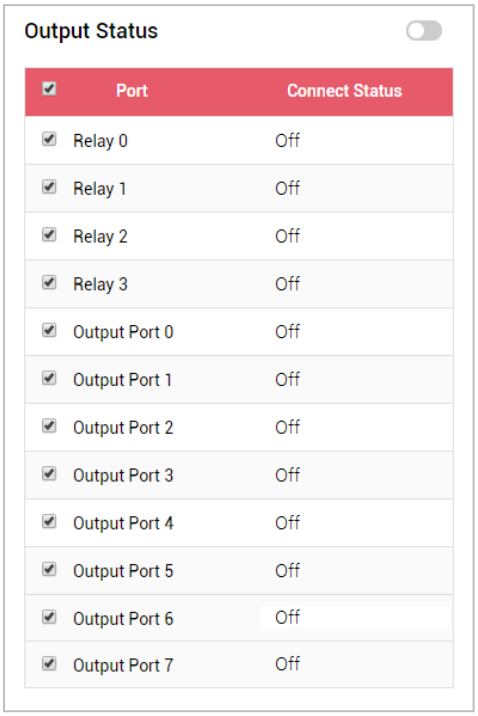
Input Port Status

The connection status of the Input 0~7, Aux Input 0~1 ports is displayed. After completing the wiring, you can check the connection status of the Input port directly in the field.



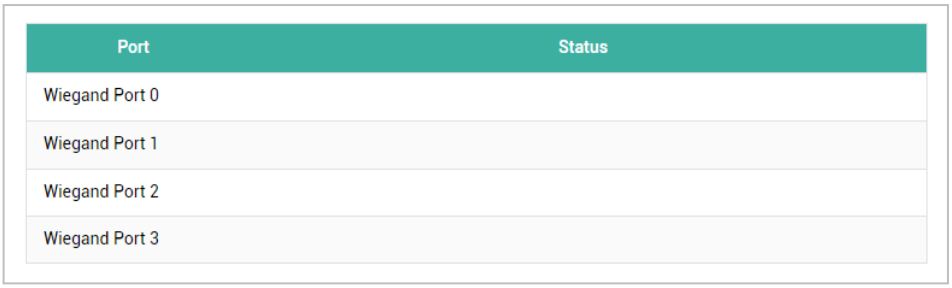
Output Port Status

The connection status of the Relay 0~3, Output 0~7 ports is displayed. You can also select the item and click the switch to control the relay and output ports.



Wiegand Port Status

When you scan a card on the Wiegand reader connected to a Wiegand 0~3 port, the card ID is displayed in the **Status** column.



Port	Status
Wiegand Port 0	
Wiegand Port 1	
Wiegand Port 2	
Wiegand Port 3	

Settings

Admin Accounts

Adding Adimin Accounts

You can assign and manage administrators of the CoreStation Setup Manager.

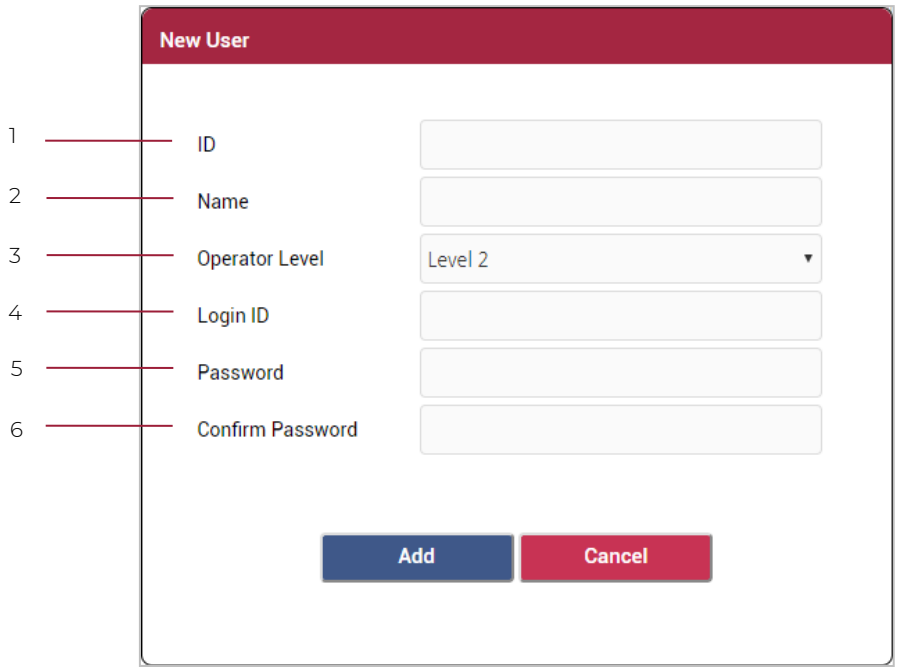
NOTE

- You can add and manage up to 10 administrators.

1 Click SETTINGS.

2 Click + New User.

3 Edit the necessary items.



No.	Item	Description
1	ID	Enter the unique ID of the administrator. • Only numbers from 0 to 9 can be entered.
2	Name	Enter the administrator's name. • Up to 48 characters may be entered for a name.

3	Operator Level	Set the operator level. • Each operator level has the following permissions: - Level 1: The assigned administrators can read or write all settings, including Factory Default. In addition, the level 1 administrator can modify the information of all administrators, and can also delete level 2 and 3 administrators. - Level 2: The assigned administrators can read or write all settings except Factory Default, Reset All, and Unlock. The level 2 administrators can also modify their own information. - Level 3: The assigned administrators can only read. • The level 1 administrator can only be set up when connecting the CoreStation Setup Manager for the first time, and only one user can be assigned. • You cannot delete the level 1 administrator.
4	Login ID	Enter the login ID. • Up to 32 characters may be entered for a login ID.
5	Password	Enter the login password. • A combination of characters, numbers, and symbols from 7 to 32 characters can be entered for the password.
6	Confirm Password	Enter the login password again to confirm.

4 Click **Apply** to save the settings.

Editing Admin Accounts

1 Click **SETTINGS**.

2 Click **Edit** on the administrator you want to edit.

3 Edit the necessary items by referring to the Adding Admin Accounts, and click **OK**.

4 Click **Apply** to save the settings.

Deleting Admin Accounts

1 Click **SETTINGS**.

2 Click **Del** on the administrator you want to delete.

3 Click **Delete**.

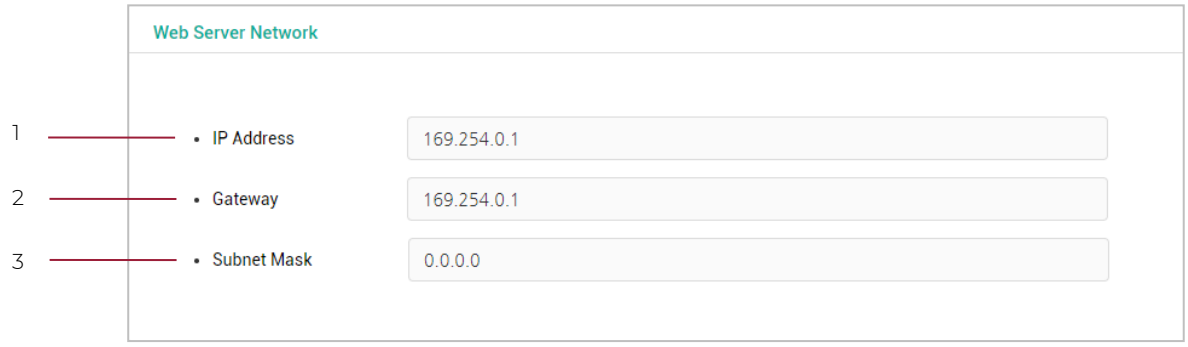
4 Click **Apply** to save the settings.

Web Server Network

You can change the network information of the CoreStation Setup Manager.

1 Click **SETTINGS**.

2 Edit the necessary information.



No.	Item	Description
1	IP Address	Edit the IP address of the CoreStation Setup Manager. • Only static IP is available. DHCP is not supported.
2	Gateway	Edit the gateway of the CoreStation Setup Manager.
3	Subnet Mask	Edit the subnet mask of the CoreStation Setup Manager.

3 Click **Apply** to save the settings. The device will be restarted.

Appendices

Disclaimers

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