BioStation 3 Suprema CLUe

RELEASE NOTES

Version 1.1.0

English
EN 301.00.BS3SC

suprema
SECURITY & BIOMETRICS

CONTENTS

- Firmware Version 1.1.0
- Firmware Version 1.0.2
- Firmware Version 1.0.1
- Firmware Version 1.0.0

Firmware Version 1.1.0 (Build No. 1.1.0_20241128_090500P)

Release | 2024-12-11

SUPREMA CLUe Firmware

New Features and Improvements

1. Supports CLUe server connection.
2. Supports CLUe screen mode.
3. Supports USB-type external QR scanner.
4. Supports synchronizing doors with the CLUe server.
5. Supports synchronizing users with the CLUe server.
6. Supports authentication via the CLUe server.
7. Supports remote door control through the CLUe server.
8. Supports reporting device event logs to the CLUe server.
9. Supports automatic time synchronization via the internet.
10. Supports CLUe fire zone.

Firmware Version 1.1.0 (Build No. 1.1.0_230414)

Release | 2023-04-19

New Features and Improvements

1. Supports QR code recognition and authentication using the camera.
2. Supports activating licenses for use of specific features on devices.
3. Improved LED operation according to illuminance.
4. Supports Thai font.
5. Added Japanese regulatory certification electronic notation.
6. Improved performance of the authentication result displayed when face authentication is performed from a slave device.
7. Improved smartcard output byte order setting.
    - When using Wiegand or OSDP output, it is improved to be affected by the smartcard output byte order when the Wiegand output information is set to send user ID.
8. Improved performance of the authentication result and LED action.
9. Improved scrolling performance in lists when querying users or logs.
10. Improved call failure pop-up messages and end call operation when **SIP Intercom** when there is no response from the other party.
11. Optimized camera performance to enhance face and QR authentication performance in various illuminance environments.
12. Improved mask detection algorithm.
13. Improved to display an error message when pressing **OK** when there are unentered items from **SIP Setting** in the **Intercom** of the device.
14. Improved face anti-spoofing performance.

Bug Fixes

1. Applying an invalid custom resource causes the device to restart. Affects version: 1.0.0
2. Face authentication fails on a slave device when the master device restarts without having any **Auth Mode**. Affects version: 1.0.0
3. Changing the **Auth Timeout** in BioStar 2 does not apply to the device. Affects version: 1.0.0

4. An issue where an administrator with the device setup operating level can initialize the device. Affects version: 1.0.0
5. Intermittently, the door does not open even if authentication succeeds when the door uses the slave device's relay. Affects version: 1.0.0
6. When face authentication is performed while pressing the Call button on the main screen to use the **Intercom**, only the main screen is displayed instead of the intercom screen. Affects version: 1.0.0

Firmware Version 1.0.2 (Build No. 1.0.2_230111)

Release | 2023-01-20

New Features and Improvements

1. Supports a new SE processor and new firmware.
    - Support downgrade to lower version firmware.
2. Fixed incorrect **Partial Modify Fail (Server)** log occurred by changing user information from the server where the user does not exist on the device.

Bug Fixes

1. When using the relay of the master device for the door, the door does not open when authenticating from the device connected as a slave. Affects version: 1.0.0
2. Face authentication does not work when set to low **Baud Rate** in **Serial Setting**. Affects version: 1.0.0
3. Missing custom font files other than English and Korean. Affects version: 1.0.0
4. When authenticating with face, the Wiegand port outputs an incorrect value as other user information that was previously authenticated with card. Affects version: 1.0.0
5. Door Locked event occurs when input signal gets detected while configured to Arm/Disarm by input signal. Affects version: 1.0.0
6. Modifying the authentication mode causes other previously set authentication modes to disappear. Affects version: 1.0.0
7. The list number column and list column overlaps on the extension number screen. Affects version: 1.0.0
8. When issuing a smartcard including a visual face template using the SDK, the card scan screen suddenly disappears. Affects version: 1.0.0

Firmware Version 1.0.1 (Build No. 1.0.1_221020)

Release | 2022-10-21

New Features and Improvements

1. Improved motion detection performance for low-light environments.
2. Improved Visual Face matching algorithm.
3. Improved all pop-up messages displayed on the device to operate according to the time set in **Message Timeout**.
4. Fixed Korean and English strings in the **RTSP** menu.

Bug Fixes

1. When upgrading resources or firmware from BioStar 2, the device could not check the progress of the upgrade because no information was displayed. Affects version: 1.0.0
2. When synchronizing multiple users to a device in BioStar 2 and then restarting the device, the **User Usage** on the device displays a different number of visual faces than the number of synchronized. Affects version: 1.0.0
3. When entering the device detail page after adding a logo image to the device connected as a slave, an Invalid payload error occurs and the RS-485 get disconnected. Affects version: 1.0.0
4. When **Device Hashkey Management** is set to **Use** in BioStar 2 and migration proceeds, all users are deleted from the device, but a delete notification pop-up is not displayed. Affects version: 1.0.0
5. Device hangs intermittently and then restarts. Affects version: 1.0.0
6. When entering the **Wireless**, the new SSID does not appear, but only the previously searched SSID appears. Affects version: 1.0.0
7. When enrolling a visual face or card on a device using the BioStar 2, the scan screen is not visible and the screen saver state remains. Affects version: 1.0.0
8. When the call button on the main screen is pressed with only one extension number stored in the device, it does not connect directly. Affects version: 1.0.0
9. In **Edit User**, if you select **Extended Private Auth Mode** as **ID** + **Fingerprint/PIN** and press **OK**, the fingerprint icon is incorrectly displayed as a face icon in the **Extended Private Auth Mode** list. Affects version: 1.0.0
10. Authentication failure occurs when authenticating with AoC with private auth mode set to **Card** + **Face**. Affects version: 1.0.0

11. When the device is restarted via BioStar 2, only a notification sound plays and the restart pop-up message does not appear. Affects version: 1.0.0
12. Firmware upgrade via USB restarts the device without a success or failure popup message. Affects version: 1.0.0
13. In BioStar 2's **T&A** menu, the **Schedule** display part is blank when creating a **T&A Code** with a **Schedule** other than **Always** and selecting the **T&A Code** on the device. Affects version: 1.0.0
14. Memory usage incorrectly displayed in **DRAM Usage** in **Memory Info**. Affects version: 1.0.0
15. When entering the menu from a device connected as a slave, a normal menu touch sound plays instead of a warning sound. Affects version: 1.0.0
16. When enrolling a visual face in the **USER** menu in BioStar 2, when the scan waiting time exceeded while enrolling the 1st face and then scanning the 2nd face, the face enrolled in the 1st appears. Affects version: 1.0.0
17. If the network is connected to a wireless LAN and then enters **Wireless** again after changing to an ethernet connection, the wireless AP list is not displayed. Affects version: 1.0.0
18. Device hangs intermittently when Wiegand **Input/Output** setting is set to **Output**. Affects version: 1.0.0
19. Extension number gets stored in the phonebook while exceeding the maximum characters in the **Display Name** of the **Intercom** settings. Affects version: 1.0.0
20. When entering the edit screen by selecting the **Auth Mode** set in the device's **Auth Mode**, the touch sound does not play. Affects version: 1.0.0
21. Device connected as a slave intermittently operates while disconnected. Affects version: 1.0.0
22. An error occurs when calling the extension number when the **Intercom** of the device is set to **Not Use** via BioStar 2 while the list of extension numbers is displayed by pressing the call button on the main screen of the device. Affects version: 1.0.0
23. In the screen to set the **Schedule** in **Auth Mode**, the already created schedule is shown as a duplicate. Affects version: 1.0.0
24. When the device is in the middle of **Factory Default** process, the device hangs while loading. Affects version: 1.0.0
25. When the **Language** of the device is set to **Custom**, the **Voice Instruction** menu part of **Sound** displays as a blank. Affects version: 1.0.0
26. When the **Time Zone** of the master device connected via RS-485 is changed, the **Time Zone** of the slave device does not change. Affects version: 1.0.0
27. When authenticating with a mobile card set to NFC, authentication fails and the device restarts intermittently Affects version: 1.0.0
28. The correct message does not appear when an unenrolled card is scanned with **Filter** set to **Card** in the user search Affects version: 1.0.0
29. The pop-up to set the **Filter** on the **EVENT LOG** search screen does not disappear even after the time set in the device's **Menu Timeout** has elapsed. Affects version: 1.0.0

30. Event log is not logged when **Time Zone** is changed on the device. Affects version: 1.0.0
31. When scanning **Visual Face** via BioStar 2 while the device is in the **SETTINGS**, the scan screen does not close on the device even after scanning is complete. Affects version: 1.0.0
32. **Baud Rate** selection pop-up appears when touching an empty space at the bottom of the **Ethernet** screen. Affects version: 1.0.0
33. When sending a user whose card is duplicated with another user from BioStar 2 to the device, the user is deleted from the device. Affects version: 1.0.0
34. When the firmware is upgraded for each device connected as master-slave, the slave device completes normally, but the master device hangs. Affects version: 1.0.0
35. RTSP connection termination event log is not logged and RTSP icon is not deleted even after setting **RTSP** to **Not Use**. Affects version: 1.0.0
36. Does not restart on **Restore Default** due to setup error. Affects version: 1.0.0
37. **Date & Time** not displayed correctly. Affects version: 1.0.0
38. When adding a user, the backlight does not turn off when waiting without card input on the card scan screen. Affects version: 1.0.0
39. Search does not work when searching by **Start Time** and **End Time** in **EVENT LOG**. Affects version: 1.0.0
40. An incorrect schedule displays in the **Edit Auth Mode**. Affects version: 1.0.0
41. If you scan a Wiegand format card that is not set when enrolling a card to a user and then scan a normal card, it will not be scanned. Affects version: 1.0.0
42. The device retains the call screen even after the recipient terminates the call. Affects version: 1.0.0
43. **WiFi MAC** does not appear in **DASHBOARD** and **Device Info** for Wi-Fi supported models. Affects version: 1.0.0
44. On the scan card screen, the background allows touch and the face can get authenticated. Affects version: 1.0.0
45. When enrolling a card in BioStar 2, after selecting **Write Smart Card**, the device restarts while waiting for scan. Affects version: 1.0.0
46. An issue occurs when upgrading the firmware of a slave device from BioStar 2 while the device is connected as Master-Slave. Affects version: 1.0.0
    - Slave device disconnects and the firmware upgrade fails.
    - Master device restart fails.
47. The **OK** button does not work when repeatedly searching the **EVENT LOG**. Affects version: 1.0.0
48. Intermittently, the image log is logged abnormally. Affects version: 1.0.0
49. Speaker turns on and off repeatedly when multiple sound files are played continuously. Affects version: 1.0.0

50. The device restarts abnormally when the firmware is upgraded while the device is locked. Affects version: 1.0.0
51. Wireless connection intermittently disconnects when sending Visual face from BioStar 2 to device. Affects version: 1.0.0
52. The screen turns off at the time set in **Menu Timeout** during an Intercom call. Affects version: 1.0.0
53. When deleting all logs, image logs does not get deleted. Affects version: 1.0.0
54. **VFMCore** version information is not displayed when long-touching the **MAC** in **Device Info**. Affects version: 1.0.0
55. When issuing a **Smart Card**, if a fingerprint/face is included in **Private Auth Mode**, the issuance fails intermittently in a specific card. Affects version: 1.0.0

Firmware Version 1.0.0 (Build No. 1.0.0_220901)

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Initial Firmware Developed.

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