BioEntry W3

RELEASE NOTES

Version 1.0.4

English
EN 301.00.BEW3

suprema
SECURITY & BIOMETRICS

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Firmware Version 1.0.4 (Build No. 1.0.4_260812)

Release | 2026-08-25

> **Caution**
>
> - After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
> - For more information, check the serial number of the device and contact the Suprema.

New Features and Improvements

1. Improved OSDP reader mode to display "Access Denied" when access is denied by a third-party control panel.
2. Improved BLE stability.

Bug Fixes

1. Suprema Mobile Access authentication failing on certain Android devices. Affects version: 1.0.0
2. Devices that do not support the buzzer failing to connect when integrated with an OSDP panel. Affects version: 1.0.0
3. DESFire EV2 cards failing to write when issuing a Secure Credential Card. Affects version: 1.0.2
4. CSN value being transmitted to the Wiegand in device for EV1 cards when the Secure Messaging enforcement option is enabled on a bypass-configured Wiegand device. Affects version: 1.0.2
5. Card authentication not working on slave devices when the master device is downgraded to a version that does not support Secure Messaging. Affects version: 1.0.2
6. Exception codes not being output when tagging an EV1 card on a device connected via OSDP with the Secure Messaging enforcement option enabled. Affects version: 1.0.2
7. An incorrect authentication failure reason is displayed when authenticating with an EV1 card on a slave device with Secure Messaging enabled. Affects version: 1.0.2
8. CSN value being output for EV1 cards on a slave device connected to a third-party controller via OSDP when the Secure Messaging enforcement option is enabled. Affects version: 1.0.2

Firmware Version 1.0.3 (Build No. 1.0.3_260609)

Release | 2026-06-12

Caution

- After upgrading the firmware to v1.0.3, it is not able to downgrade to an earlier version of the firmware.
- For more information, check the serial number of the device and contact the Suprema.

New Features and Improvements

1. Reflects global cybersecurity standards and the latest security requirements.

Firmware Version 1.0.2 (Build No. 1.0.2_260512)

Release | 2026-05-13

New Features and Improvements

1. Supported EV2 Secure Messaging authentication and issuance for DESFire EV2 and EV3 cards.

Bug Fixes

1. Firmware upgrade via USB failing to proceed because the firmware file is not detected. Affects version: 1.0.0

Firmware Version 1.0.1 (Build No. 1.0.1_241024)

Release | 2024-11-07

New Features and Improvements

1. Supports the **RTSP Video Resolution** feature of selecting the resolution of the video output from the device when using **RTSP**.
2. Supports FeliCa card from **Custom Smart Card Layout**.
3. Supports the **Auth Result Display Option** that allows you to select how the user ID and name are displayed on the authentication result screen of the device.
    - **User ID Display**
    - **User Name Display**
4. Supports mobile application Device Manager, which allows setting up devices by connecting via BLE.
    - Device Manager v1.2.0 or later
5. Improved face anti-spoofing performance.

    > **Info**
    > We recommend using the **Fake Detection** feature set to **Normal** in environments with strong sunlight.

6. Supports the **Require No Mask** option that allows rejecting authentication for users wearing a mask during face authentication.

Bug Fixes

1. When the **Reset Time** for **Timed Anti PassBack** is set to 0, anti-passback does not work. Affects version: 1.0.0
2. Device does not recognize certain RF cards. Affects version: 1.0.0
3. When the device's **Device → Server** setting gets inactive while the device is on the **Waiting Device** list of BioStar 2, the device still appears in the **Waiting Device** list, and the BioStar 2 connect icon is displayed at the top of the device. Affects version: 1.0.0
4. The device freezes when the RS-485 mode on the device is set to **Not Use** using the SDK. Affects version: 1.0.0
5. When the device is connected as a slave and the **Auth Timeout** is set to 20 seconds, an authentication error occurs if the card is repeatedly authenticated while waiting for facial authentication after card authentication. Affects version: 1.0.0

6. Some smart cards fail to be recognized in environments using the new SE chip firmware. Affects version: 1.0.0

Firmware Version 1.0.0 (Build No. 1.0.0_240807)

Release | 2024-08-07

Initial Firmware Developed.

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