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Release

2025-06-04

- The XP2-MAPB-H model cannot downgrade to firmware version v1.4.3 or lower.
- The XP2-GKDPB model with hardware v1.2.0 or higher cannot downgrade firmware to lower than v1.4.3. The hardware version can be checked in the **DEVICE** menu of BioStar 2.
- Devices with the new BLE chip cannot downgrade to a lower version after upgrading the firmware to v1.3.1 or higher. Devices with existing BLE chips can be downgraded to a lower version.

For more information, check the serial number of the device and contact the Suprema (<https://supremainc.com>).

New Features and Improvements

1. Added new model.
 - XP2-MAPB-H
2. Supports **Keypad Backlight** configuration.
 - XPass 2 (XP2-GKDPB) hardware v1.2.0 or higher, firmware v1.4.3 or higher.
3. Added identification code to support recognition of the latest cards.
 - DESFire EV3
4. Supports SL1, SL3, and SL1/SL3 Mix Mode for security level compatibility with MIFARE Plus EV1 cards.
 - SL1: Compatible mode with MIFARE Classic
 - SL3: Advanced security mode based on AES
5. Supports the **Ignore Repeated Signals Duration** feature, which ignores repetitive authentication signals from the controller when the device is connected to a 3rd party controller via Wiegand.
6. Supports not logging events when the **Ignore Repeated Signals Duration** feature is activated.

Bug Fixes

1. When a user with more than two cards enrolled attempts card authentication to the Wiegand output device, the ID of a card other than the authenticated card is output. (Affects version: v1.4.1)
2. When using the BS2_GetDeviceCapabilities function in the SDK to get information supported by the device, the CustomClassicPlus and CustomDesFireEV1 are displayed as False though the device supports custom smart cards. (Affects version: v1.4.1)
3. When authentication is successful using the **Secondary Key**, and the **Secondary Key** is then set to **Not Use**, authentication fails even if the **Primary Key** is valid. (Affects version: v1.0.0)
4. Authentication fails with a 'period expired' message when using a smart card issued with a visual face included. (Affects version: v1.0.0)

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