

# CoreStation

## Firmware Revision Notes

Version 1.3.0

# Firmware Version 1.3.0 (Build No. 1.3.0\_190626)

Release: 2019-07-12

## 1. Important Bug Fix

- 1.1. When a door configured in a Scheduled Unlock Zone is opened by a Scheduled Unlock, the door is not locked if the zone is deleted.
- 1.2. A code is added to prevent the authentication fails because the cache memory is broken.

## 2. New Features and Improvements

- 2.1. Supports Anti-Tailgating.
- 2.2. Change the way new settings are applied when adding administrators using batch edit of devices.
  - Existing: Overwrite a new setting to existing settings.
  - Update: Add a new setting to existing settings.
- 2.3. Increase of the number of administrators that can be added.
- 2.4. Increase of the maximum number of floor levels.
- 2.5. Support to the Clear APB for each user.
- 2.6. Supports checking module firmware version.
- 2.7. Support for connecting new devices.
  - XPass 2(XP2-MDPB, XP2-GDPB, XP2-GKDPB)

## 3. Bug Fix

- 3.1. The device does not send the Seos config to the slave device even though the slave device supports iCLASS Seos card.
- 3.2. Applies FA improvement algorithm.
- 3.3. Start time is not applied in UTC when importing filtered logs using SDK.
- 3.4. A user cannot access BioStar 1.93 when using the latest firmware.
- 3.5. Supports unsupported devices (FaceStation 2, FaceLite).
- 3.6. The door operates as the Scheduled Unlock when restarting the master device while the door is configured to the Scheduled Unlock and Manual Lock.
- 3.7. The master device is rebooted if deleting the zone while disconnected with the slave device.
- 3.8. The title of the credential input screen is displayed differently on the master device and the slave device when using multiple authentication mode.
  - Existing: master device (user ID, user name), slave device (user ID)
  - Update: master device and slave device (user ID, user name)
- 3.9. Relay works after reconnecting for authentication that occurred when elevator connection is disconnected.
- 3.10. When an alarm occurs in the interlock zone, the alarm does not clear even though restarting the master device.

3.11. Even though the fingerprint templates are set differently on the server and the device, the fingerprint enrollment succeeds in the slave device.

# Firmware Version 1.2.0 (Build No. 1.2.0\_181112)

Release: 2018-11-29

## 1. Important Bug Fix

- 1.1. A code is added to prevent the authentication fails because the cache memory is broken.

## 2. New Features and Improvements

- 2.1. Improves the data protection.
  - Increase the items to encrypt the data.
  - Support to setting the period for storing the personal information.
- 2.2. Change the maximum value of the interval and width for the Wiegand Input.
- 2.3. Support to the number of users, fingerprints, faces, and cards in Manage Users in Device.
- 2.4. If the data transmission fails when communicating with OSDP, it is transmitted again.
- 2.5. The site key is initialized if a secure tamper event occurs.
- 2.6. If an administrator has registered, modified, or deleted a user, the event log shows whether the editing was done on the server or on the device.
- 2.7. Support to the creation of up to 2048 Access Levels and Access Groups.
- 2.8. Support to DESFire/DESFire EV1 Advanced option.

## 3. Bug Fix

- 3.1. A slave device that supports an iCLASS Seos card does not properly read the iCLASS Seos card.
- 3.2. The device restarts if more than 8 outputs are set.
- 3.3. Modified that if the same key is not sent to the slave device when the RS-485 primary key is set up on the master device, the master device sends it again.
- 3.4. If the user uses the BS\_GetLogBlob command to get the door ID, the door ID is not output normally.
- 3.5. When physically disconnecting the RS-485 connection of the slave device and connecting another slave device to the same port, the connection status is displayed by the information of the slave device that was connected before.
- 3.6. Improves I/O module Input and Output process.
- 3.7. Modified the firmware of that slave device so that it cannot be upgraded when a device not supported by the master device is connected as a slave.
- 3.8. The relays operate differently from the previous status if the slave device is reconnected.
- 3.9. The authentication result value is sent from the Wiegand port even though any Wiegand reader is not connected.
- 3.10. The alarm can be released in the Floors status after a fire alarm occurs when the elevator is configured as a Fire Alarm Zone.

# Firmware Version 1.1.2 (Build No. 1.1.2\_180706)

Release: 2018-07-24

1. Bug Fix
  - 1.1. The device restarts when authentication fails.

# Firmware Version 1.1.1 (Build No. 1.1.1\_180523)

Release: 2018-06-20

1. New Features and Improvements
  - 1.1. In a device with an LCD, the user name is displayed on the LCD when authentication is successful even when connected in slave mode.
  - 1.2. Changed the default for the input from Supervised Input to Normal.
  - 1.3. Support for connecting new devices.
    - BioLite N2(BLN2-PAB), XPass D2(XPD2-GDB, XPD2-GKDB)
2. Bug Fix
  - 2.1. Problem where logs are duplicated by repeatedly attempting to input Manual Lock, Manual Unlock, Release, etc. to the door disconnected from the device.
  - 2.2. Issue where event logs and real-time logs are not uploaded normally to BioStar 2.
  - 2.3. Problem that relay state is not maintained when reconnecting a device connected by RS-485.
  - 2.4. Issue in which the door relay status operates as On when the device is reconnected after starting and ending the Schedule Unlock with the door relay device disconnected.
  - 2.5. Problem that the time zone is not initialized even if the factory reset is performed while secure communication and data encryption key are in use.
  - 2.6. Issue where if the authentication is successful when the device set as door relay is disconnected, the relay will operate according to previous value after reconnection of the device.
  - 2.7. Issue where the device restarts when authenticating with an unregistered fingerprint.
  - 2.8. Issue that are not initialized for the tamper, AC Fail, and Supervised input when the factory reset is performed.

# Firmware Version 1.1.0 (Build No. 1.1.0\_180317)

Release: 2018-03-26

1. New Features and Improvements
  - 1.1. Support Interlock zone.
  - 1.2. Support Reset without Network Settings.
  - 1.3. Support Daylight Saving Time setting.
  - 1.4. Improves Trigger & Action for duress finger.
  - 1.5. Improves to handle the encryption key of the important information stored in database differently from server to server.
  - 1.6. Support the secure tamper.
  - 1.7. Support ISO14443A 10 Byte CSN.
  - 1.8. Support connecting with BioLite N2, XPass D2.
2. Bug Fix
  - 2.1. Issue where RS-485 disconnect when changing home screen of the slave device to user's logo.
  - 2.2. Problem that the slave device is disconnected when the slave device finishes booting more slowly than the master device with the RS-485 encryption key set.
  - 2.3. Issue if the elevator is configured as a fire alarm zone, relay operation will be turned off when the alarm is released after the fire alarm.
  - 2.4. Fixed to retain previous rate when setting to the unsupported RS-485 rate.
  - 2.5. Problem that the duration of the supervised input behaves differently from the setting in Trigger & Action.
  - 2.6. Fixed to output the logs that the input information and the door open information of the intrusion sensor in the intrusion alarm zone.
  - 2.7. Problem that delay time of Action Signal Output is not applied in the slave device.

# Firmware Version 1.0.0 (Build No.1.0.0\_170919)

Release: 2017-09-19

1. Initial firmware developed.





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