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Version 2.6.0

Date

2018-04-15

CAUTION

Up to version 2.5.0, Device SDK statically included OpenSSL library, but starting with 2.6.0, it has been changed to link in shared library form. Therefore, you need to run the appropriate OpenSSL library after installation. The 2.6.0 library has been tested based on the OpenSSL 1.0.2n library. The sample files contain the OpenSSL 1.0.2n Windows library file.

New Features

- Supports for new device connections (BioLite N2, Xpass D2)
- Supports Daylight saving time (DST)
- Supports Interlock zone
- Supports data encryption key setting of device
- Factory default without network setting

1. New devices BioLite N2, Xpass D2 are supported. Xpass D2 is a slave exclusive card device.

2. Daylight Saving Time can be set up to 2 devices. In addition, relevant information has been added to the log to let you know when daylight saving time is in effect.

- API [BS2_GetDstConfig](#) has been added
- API [BS2_SetDstConfig](#) has been added
- Structure [BS2DstConfig](#) has been added
- Structure [BS2Event](#) has been modified

3. Interlock zone setting is supported. It is used when one door and the other door need to be exclusively locked to each other. Currently only CoreStation is available.

- API [BS2_GetInterlockZone](#) has been added
- API [BS2_GetInterlockZoneStatus](#) has been added
- API [BS2_GetAllInterlockZoneStatus](#) has been added
- API [BS2_SetInterlockZone](#) has been added
- API [BS2_SetInterlockZoneAlarm](#) has been added
- API [BS2_RemoveInterlockZone](#) has been added
- API [BS2_RemoveAllInterlockZone](#) has been added
- Structure [BS2InterlockZoneBlob](#) has been added

4. Data Encryption key of the device can be changed and verified.

- API [BS2_GetDataEncryptKey](#) has been added
- API [BS2_SetDataEncryptKey](#) has been added
- API [BS2_RemoveDataEncryptKey](#) has been added

5. Supports new device initialization API [BS2_ResetConfigExceptNetInfo](#). This API can factory default without network information unlike [BS2_ResetConfig](#).

- API [BS2_ResetConfigExceptNetInfo](#) has been added

6. Supports feature feasibility check API [BS2_GetDeviceInfoEx](#). This API [BS2_GetDeviceInfo](#) uses structure [BS2SimpleDeviceInfoEx](#) which has recent fields moved from the [BS2SimpleDeviceInfo](#).

- API [BS2_GetDeviceInfoEx](#) has been added
- Structure [BS2SimpleDeviceInfoEx](#) has been added

Modified features

1. Simultaneous use of Wiegand In / Out is supported.

This function can be used by setting the mode value to 2 when Wiegand is set.

- Refer to structure [BS2WiegandConfig](#)

2. Device security tamper setting is supported.

The `secureTamper` of [BS2SystemConfig](#) can check and set whether the current security tamper is set.

This structure must be configured after reading through [BS2_GetSystemConfig](#), and then only necessary information should be modified through [BS2_SetSystemConfig](#).

- Refer to structure [BS2SystemConfig](#)

3. Fingerprinter is supported on FaceStation 2 or FaceLite

Both FaceStation 2 and FaceLite do not have a fingerprint sensor and therefore do not support fingerprint authentication directly from those devices. However, fingerprint devices can be connected to as a slave device to either device, then it means fingerprint matching is supported.

Thus, `BS2SimpleDeviceInfo.fingersupported` changed from 0 to 1.

Whether or not the device currently supports fingerprint matching can be checked via `fingerSupported` in [BS2SimpleDeviceInfo](#).

- Refer to structure [BS2SimpleDeviceInfo](#)

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