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Version 2.7.1 (V2.7.1.1)

Date

2020-09-15

New Features

- Supports FaceStation F2
- Supports Thermal camera - Facial temperature & Mask detection features
- Supports the feature of changing of the user-defined PIN encryption key

1. FaceStation F2 is supported, user related structures & API are added.

- Refer to structure [BS2UserSettingEx](#)
- Refer to structure [BS2TemplateEx](#)
- Refer to structure [BS2FaceEx](#)
- Refer to structure [BS2UserFaceExBlob](#)
- Refer to API [BS2_ScanFaceEx](#)
- Refer to API [BS2_ExtractTemplateFaceEx](#)
- Refer to API [BS2_EnrollUserFaceEx](#)
- Refer to API [BS2_GetUserInfosFaceEx](#)
- Refer to API [BS2_GetUserDatasFaceEx](#)

2. Several authentication modes for FaceStation F2 have been added, and you can configure with API and structure below.

- Refer to structure [BS2AuthConfigExt](#)
- Refer to API [BS2_GetAuthConfigExt](#)
- Refer to API [BS2_SetAuthConfigExt](#)

3. You can extract template by jpg image from FaceStation F2. The template file can be stored on AoC.

- Refer to structure [BS2SmartCardHeader](#)
- Refer to API [BS2_ExtractTemplateFaceEx](#)

4. Thermal camera - Facial temperature & Mask detection can be configured with API & structure below.

- Refer to structure [BS2FaceConfigExt](#)
- Refer to API [BS2_GetFaceConfigExt](#)
- Refer to API [BS2_SetFaceConfigExt](#)

5. Thermal camera information structure and configurable API are available.

- Refer to structure [BS2ThermalCameraConfig](#)

- Refer to API [BS2_GetThermalCameraConfig](#)
- Refer to API [BS2_SetThermalCameraConfig](#)

6. New event log structure & API to support temperature information have been added.

- Refer to callback function [OnLogReceivedEx](#)
- Refer to structure [BS2EventSmallBlobEx](#)
- Refer to API [BS2_StartMonitoringLogEx](#)
- Refer to API [BS2_GetLogSmallBlobEx](#)
- Refer to API [BS2_GetLogSmallBlobExFromDir](#)

7. User-defined PIN encryption key can be changed, and the PIN can be extracted with APIs.

- Refer to API [BS2_SetDataEncryptKey](#)
- Refer to API [BS2_MakePinCodeWithKey](#)

Modified Features

1. A structure is modified to support FaceStation F2's configuration.

- Refer to structure [BS2FaceConfig](#)

2. Masking information of some API retrieving user information with userMask has been added.
(Refer to userMask parameter for each API)

- Refer to API [BS2_GetUserDatas](#)
- Refer to API [BS2_GetUserDatasEx](#)
- Refer to API [BS2_GetSupportedUserMask](#)
- Refer to API [BS2_GetUserSmallDatas](#)
- Refer to API [BS2_GetUserSmallDatasEx](#)
- Refer to API [BS2_GetUserDatasFromDir](#)
- Refer to API [BS2_GetUserDatasExFromDir](#)
- Refer to API [BS2_GetUserSmallDatasFromDir](#)
- Refer to API [BS2_GetUserSmallDatasExFromDir](#)
- Refer to API [BS2_GetUserInfosFaceEx](#)
- Refer to API [BS2_GetUserDatasFaceEx](#)

3. In the past, parameters like fingerSupported, faceSupported were used meaning fingerprint authentication(matching) or facial authentication(matching).

This was confusing because FaceStation2 or returned fingerSupported = true.

From 2.7.1, additional information fingerScanSupported and faceScanSupported is supported to provide more accurate information.

With this, FaceStation2 returns fingerScanSupported = false.

- Refer to API [BS2_GetDeviceInfoEx](#)
- Refer to structure [BS2SimpleDeviceInfoEx](#)

4. For security reasons, support for the function BS2_GetDataEncryptKey has been deprecated.

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<http://kb.supremainc.com/bs2sdk/> - **BioStar Device SDK**

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