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Version 2.7.1 (V2.7.1.1)

Date

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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.

- Structure BS2UserSettingEx has been added
- Structure BS2TemplateEx has been added
- Structure BS2FaceEx has been added
- Structure BS2UserFaceExBlob has been added
- API BS2_ScanFaceEx has been added
- API BS2_ExtractTemplateFaceEx has been added
- API BS2_EnrollUserFaceEx has been added
- API BS2_GetUserInfosFaceEx has been added
- API BS2_GetUserDatasFaceEx has been added

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

- Structure BS2AuthConfigExt has been added
- API BS2_GetAuthConfigExt has been added
- API BS2_SetAuthConfigExt has been added

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

- Structure BS2SmartCardHeader has been added
- API BS2_ExtractTemplateFaceEx has been added

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

- Structure BS2FaceConfigExt has been added
- API BS2_GetFaceConfigExt has been added
- API BS2_SetFaceConfigExt has been added

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

- Structure BS2ThermalCameraConfig has been added

- API BS2_GetThermalCameraConfig has been added
- API BS2_SetThermalCameraConfig has been added

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

- Callback function OnLogReceivedEx has been added
- Structure BS2EventSmallBlobEx has been added
- API BS2_StartMonitoringLogEx has been added
- API BS2_GetLogSmallBlobEx has been added
- API BS2_GetLogSmallBlobExFromDir has been added

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

- API BS2_SetDataEncryptKey has been added
- API BS2_MakePinCodeWithKey has been added

Modified Features

<text size="x-large">1. A structure is modified to support FaceStation F2's configuration.

- Structure BS2FaceConfig has been added

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

- API BS2_GetUserDatas has been added
- API BS2_GetUserDatasEx has been added
- API BS2_GetSupportedUserMask has been added
- API BS2_GetUserSmallDatas has been added
- API BS2_GetUserSmallDatasEx has been added
- API BS2_GetUserDatasFromDir has been added
- API BS2_GetUserDatasExFromDir has been added
- API BS2_GetUserSmallDatasFromDir has been added
- API BS2_GetUserSmallDatasExFromDir has been added
- API BS2_GetUserInfosFaceEx has been added
- API BS2_GetUserDatasFaceEx has been added

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.

- API BS2_GetDeviceInfoEx has been added
- Structure BS2SimpleDeviceInfoEx has been added

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

From:
<https://kb.supremainc.com/bs2sdk/> - **BioStar 2 Device SDK**

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