

Table of Contents

Face API

Structure

BS2Face

BS2AuthGroup

1

1

1

2

Face API

This API allows to scan/verify the face template.

- [BS2_ScanFace](#): Scans the face from a device and extracts template and image data.
- [BS2_GetAuthGroup](#): Retrieves selected authentication groups.
- [BS2_GetAllAuthGroup](#): Retrieves all authentication groups.
- [BS2_SetAuthGroup](#): Configures an authentication group.
- [BS2_RemoveAuthGroup](#): Removes selected authentication groups.
- [BS2_RemoveAllAuthGroup](#): Remove all authentication groups.

Structure

BS2Face

```
typedef struct {  
    uint8_t faceIndex;  
    uint8_t numOfTemplate;  
    uint8_t flag;  
    uint8_t reserved;  
  
    uint16_t imageLen;  
    uint8_t reserved2[2];  
  
    uint8_t imageData[BS2_FACE_IMAGE_SIZE];  
    uint8_t templateData[BS2_TEMPLATE_PER_FACE][BS2_FACE_TEMPLATE_LENGTH];  
} BS2Face;
```

1. *faceIndex*

Index of face

2. *numOfTemplate*

Number of face templates.

3. *flag*

Not used.

4. *reserved*

Reserved space.

5. *imageLen*

Size of the face image.

6. *reserved2*

Reserve space.

4. *imageData*

Face image data.

5. *data*

Face template data.

BS2AuthGroup

```
typedef struct {  
    BS2_AUTH_GROUP_ID    id;  
    char                 name[BS2_MAX_AUTH_GROUP_NAME_LEN];  
    uint8_t              reserved[32];  
} BS2AuthGroup;
```

1. *id*

Group ID for group matching.

2. *name*

Name of the matching group that will be displayed on BioStar 2

3. *reserved*

Reserved space.

From:

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

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https://kb.supremainc.com/bs2sdk/doku.php?id=en:face_api&rev=1488868552

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