

Device API	1
.....	1
BS2SimpleDeviceInfo	1
BS2ResourceElement	4

Device API

- [BS2_GetDeviceInfo](#): 가
- [BS2_GetDeviceTime](#): 가
- [BS2_SetDeviceTime](#):
- [BS2_ClearDatabase](#): Blacklist
- [BS2_FactoryReset](#):
- [BS2_RebootDevice](#):
- [BS2_LockDevice](#):
- [BS2_UnlockDevice](#):
- [BS2_SetKeepAliveTimeout](#): keep-alive
- [BS2_UpgradeFirmware](#):
- [BS2_UpdateResource](#):

BS2SimpleDeviceInfo

```
typedef struct
{
    uint32_t id;
    uint16_t type;
    uint8_t connectionMode;
    uint32_t ipv4Address;
    uint16_t port;
    uint32_t maxNumOfUser;
    uint8_t userNameSupported;
    uint8_t userPhotoSupported;
    uint8_t pinSupported;
    uint8_t cardSupported;
    uint8_t fingerSupported;
    uint8_t faceSupported;
    uint8_t wlanSupported;
    uint8_t tnaSupported;
    uint8_t triggerActionSupported;
    uint8_t wiegandSupported;
    uint8_t imageLogSupported;
    uint8_t dnsSupported;
    uint8_t jobCodeSupported;
    uint8_t wiegandMultiSupported;
    uint8_t rs485Mode;
    uint8_t sslSupported;
    uint8_t rootCertExist;
    uint8_t dualIDSupported;
    uint8_t useAlphanumericID;
```

```
uint32_t connectedIP;
uint8_t phraseCodeSupported;
uint8_t card1xSupported;
uint8_t systemExtSupported;
uint8_t voipSupported;
}BS2SimpleDeviceInfo;
```

1. *id*

1 .

2. *type*

.

0x01	BioEntry Plus
0x02	BioEntry W
0x03	BioLite Net
0x04	Xpass
0x05	Xpass S2
0x06	Secure IO 2
0x07	DM-20
0x08	BioStation 2
0x09	BioStation A2
0x0A	FaceStation 2
0x0B	IO Device
0x0C	BioStation L2
0x0D	BioEntry W2
0x0E	CoreStation
0x0F	Output Module
0x10	Input Module
0x11	BioEntry P2
0x0F	OM-120

3. *connectionMode*

BioStar
mode(0x1) . direct mode BioStar
가 BioStar .
IP Config .

direct mode(0x0) server
server mode
direct mode

4. *ipv4Address*

IP .

5. *port*

TCP .

6. *maxNumOfUser*

.

7. *userNameSupported*

flag .

8. <i>userPhotoSupported</i>		flag	.
9. <i>pinSupported</i> PIN	flag	.	
10. <i>cardSupported</i>	flag	.	
11. <i>fingerSupported</i>	flag	.	
12. <i>faceSupported</i>	flag	.	
13. <i>wlanSupported</i>	flag	.	
14. <i>tnaSupported</i>	flag	.	
15. <i>triggerActionSupported</i> trigger action	flag	.	
16. <i>wiegandSupported</i> Wiegand	flag	.	
17. <i>imageLogSupported</i>	flag	.	
18. <i>dnsSupported</i> DNS	flag	.	
19. <i>jobCodeSupported</i> Job Code	flag	.	
20. <i>wiegandMultiSupported</i> wiegandMulti	flag	.	
21. <i>rs485Mode</i> RS485		.	
22. <i>sslSupported</i> ssl	flag	.	
23. <i>rootCertExist</i> root 가	flag	.	
24. <i>dualIDSsupported</i> dualID(,)	flag	.	
25. <i>useAlphanumericID</i> AlphanumericID	flag	.	

25. *connectedIP*
가 ip . (0xFFFFFFFF if disconnected)
26. *phraseCodeSupported*
flag .
27. *card1xSupported*
1.x ToC flag .
28. *systemExtSupported*
RS-485 flag .
29. *voipSupported*
VoIP flag .

BS2ResourceElement

```
typedef struct
{
    uint8_t type;
    uint32_t numResData;
    struct {
        uint8_t index;
        uint32_t dataLen;
        uint8_t* data;
    } resData[128];
}BS2ResourceElement;
```

1. *type*

0	UI(Langauge pack)	
1	Notice message	UTF-8
2	Image(Background)	PNG
3	Slide image	PNG
4	Sound	WAVE

2. *numResData*

3. *index*

4. *dataLen*

5. *data*

From:

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

Permanent link:

https://kb.supremainc.com/bs2sdk./doku.php?id=ko:device_api&rev=1504578596

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