

BioStar SDK

Revision Notes

Version 1.8



Revision Notes

Software Version 1.8

2014-04-25

- Incorporated Xpass S2.
- Xpass S2 is all same with Xpass Slim

Software Version 1.7

2013-09-30

- FSUserHdrEx struct is added.
- DSInterphoneConfig struct is added.
- XSInterphoneConfig struct is added.
- XSPINOnlyModeConfig struct is added.
- BS_WriteDSInterphoneConfig is added.
- BS_ReadDSInterphoneConfig is added.
- BS_WriteXSInterphoneConfig is added.
- BS_ReadXSInterphoneConfig is added.
- BS_WriteXSPINOnlyModeConfig is added.
- BS_ReadXSPINOnlyModeConfig is added.

Software Version 1.62

2013-01-03

- FSUserHdrEx struct is added.
- BS_EnrollUserFStationEx is added.
- BS_EnrollMultipleUserFStationEx is added.
- BS_GetAllUserInfoFStationEx is added.
- BS_GetUserInfoFStationEx is added.
- BS_GetUserFStationEx is added.
- BS_UTF8ToString is added.
- BS_UTF16ToString is added.
- BS_EncryptSHA256 is added.

Software Version 1.61

2012-06-25

- Incorporated BioEntry W.Tt
- BioEntry W is all same with BioEntry Plus.

Software Version 1.6

2012-04-17

- Incorporated FaceStation.
- FSTnaEventConfig and FSTnaEventExConfig structure are added.
- FSUSBConfig, FSSerialConfig and FS485NetworkConfig structure are added.
- FSSaveImageEventConfig is added.
- FSWLANPreset, FSWLANConfig structure are added.
- FSDisplayConfig is added.
- FSInterphoneConfig is added.
- FSOPModeConfig is added.
- FSFaceConfig is added.
- FSInputConfig is added.
- FSUserHdr and FSUserTemplateHdr are added.
- FSWiegandConfig is added.
- BS_EnrollMultipleUserFStation.
- BS_GetAllUserInfoFStation.
- BS_GetUserInfoFStation.
- BS_GetUserFStation.
- BS_ScanFaceTemplate.
- BS_WriteFSTnaEventConfig and BS_ReadFSTnaEventConfig are added
- BS_WriteFSTnaEventExConfig and BS_ReadFSTnaEventExConfig are added
- BS_WriteFSSaveImageEventConfig and BS_ReadFSSaveImageEventConfig are added.
- BS_WriteFSInputConfig and BS_ReadFSInputConfig are added.
- BS_WriteFSWiegandConfig and BS_ReadFSWiegandConfig are added.
- BS_WriteFS485NetworkConfig and BS_ReadFS485NetworkConfig are added.
- BS_WriteFSSerialConfig and BS_ReadFSSerialConfig are added.
- BS_WriteFSOPModeConfig and BS_ReadFSOPModeConfig are added.

- BS_WriteFSDisplayConfig and BS_ReadFSDisplayConfig are added.
- BS_WriteFSFaceConfig and BS_ReadFSFaceConfig are added.
- BS_WriteFSWLANConfig and BS_ReadFSWLANConfig are added.
- BS_WriteFSInterphoneConfig and BS_ReadFSInterphoneConfig are added.
- BS_WriteFSUSBConfig and BS_ReadFSUSBConfig are added.
- BS_WriteBSVideophoneConfig and BS_ReadBSVideophoneConfig are added.

Software Version 1.52

2012-01-16

- Incorporated Xpass Slim.
- Xpass Slim is all same with Xpass, but not supporting Mifare data card.

Software Version 1.5

2011-06-30

- Incorporated BioStation2.
- BS2TnaEventConfig, BS2TnaEventExConfig struct are added.
- BS2SerialConfig struct is added.
- BS2485NetworkConfig struct is added.
- BS2OPModeConfig struct is added.
- BS2SaveImageEventConfig struct is added.
- BS2DisplayConfig struct is added.
- BS2InputConfig struct is added.
- BS2UserHdr struct is added.
- BS2WiegandConfig struct is added.
- BS2FingerprintConfig struct is added.
- BS2WLANPreset struct is added.
- BS2WLANConfig struct is added.
- BS_EnrollUserBiotation2, BS_EnrollMultipleUserBioStation2 are added.
- BS_GetAllUserInfoBioStation2, BS_GetUserInfoBioStation2 and BS_GetUserBioStation2 are added.
- BS_WriteBS2TnaEventConfig, BS_ReadBS2TnaEventConfig are added.
- BS_WriteBS2TnaEventExConfig, BS_ReadBS2TnaEventExConfig are added.
- BS_WriteBS2SaveImageEventConfig, BS_Read BS2SaveImageEventConfig are

added.

- BS_WriteBS2InputConfig, BS_ReadBS2InputConfig are added.
- BS_WriteBS2WiegandConfig, BS_ReadBS2WiegandConfig are added.
- BS_WriteBS2485NetworkConfig, BS_ReadBS2485NetworkConfig are added.
- BS_WriteBS2SerialConfig, BS_ReadBS2SerialConfig are added.
- BS_WriteBS2OPModeConfig, BS_ReadBS2OPModeConfig are added.
- BS_WriteBS2DisplayConfig, BS_ReadBS2DisplayConfig are added.
- BS_WriteBS2FingerprintConfig, BS_ReadBS2FingerprintConfig are added.
- BS_WriteBS2WLANConfig, BS_ReadBS2WLANConfig are added.
- BS_WriteBS2InterphoneConfig, BS_ReadBS2InterphoneConfig are added.
- BS_ReadImageEx added

Software Version 1.35

2010-10-04

- Incorporated X-Station.
- XSTnaEventConfig, XSTnaEventExConfig struct are added.
- XSSerialConfig struct is added.
- XS485NetworkConfig struct is added.
- XSOPModeConfig struct is added.
- XSSaveImageEventConfig struct is added.
- XSDisplayConfig struct is added.
- XSInputConfig struct is added.
- XSUserHdr struct is added.
- XSWiegandConfig struct is added.
- BS_EnrollUserXStation, BS_EnrollMultipleUserXStation is added.
- BS_GetAllUserInfoXStation, BS_GetUserInfoXStation, BS_GetUserXStation is added.
- BS_WriteXSTnaEventConfig, BS_ReadXSTnaEventConfig is added.
- BS_WriteXSTnaEventExConfig, BS_ReadXSTnaEventExConfig is added.
- BS_WriteXSSaveImageEventConfig, BS_ReadXSSaveImageEventConfig is added.
- BS_WriteXSInputConfig, BS_ReadXSInputConfig is added.
- BS_WriteXSWiegandConfig, BS_ReadXSWiegandConfig is added.
- BS_WriteXS485NetworkConfig, BS_ReadXS485NetworkConfig is added.

- BS_WriteXSSerialConfig, BS_ReadXSSerialConfig is added.
- BS_WriteXSOPModeConfig, BS_ReadXSOPModeConfig is added.
- BS_WriteXSDisplayConfig, BS_ReadXSDisplayConfig is added.
- BS_SetImageLogCall is added.

Software Version 1.31

2010-08-10

- Incorporated BioEntry Plus iCLASS.
- 'fullCardCustomID' item in BEUserHdr is added.
- 'fullCardCustomID' item in BECommandCard is added.
- 'customID' item in BSUserHdrEx is changed to unsigned int.
- BSiClassConfig and BSiClassCardHeader is added.
- BSBlacklistItemEx struct is added.
- BS_WriteiClassConfiguration,BS_ReadiClassConfiguration is added.
- BS_ChangeiClassKey is added.
- BS_WriteiClassCard, BS_ReadiClassCard is added, BS_FormatiClassCard is added.
- BS_AddBlacklistEx,BS_DeleteBlacklistEx,BS_ReadBlacklistEx is added.

Software Version 1.3

2010-07-06

- Incorporated D-Station.
- D-Station supports new structures. For this,
DSTnaEventConfig ,DSTnaEventExConfig,DSSerialConfig, DS485NetworkConfig
DSOPModeConfig, DSFaceConfig, DSDisplayConfig, DSInputConfig ,
DSFingerprintConfig, DSWLANPreset, DSSaveImageEventConfig and
DSWLANConfig is added
- BSLogRecordEx and BSImageLogHdr structure is added for D-Station's log.
- D-Station USB Communication API. For this, BS_OpenUSBEx is added.

- D-Station Log Management API. For this, BS_ClearLogCacheEx, BS_ReadLogCacheEx, BS_ReadLogEx and BS_ReadNextLogEx is added.
- D-station Image Log Management API. For this, BS_ReadImageLog, BS_GetImageLogCount, BS_DeleteImageLog, BS_DeleteAllImageLog and BS_ReadSpecificImageLog is added.
- Display Setup API, BS_SendNoticeEx is added.
- D-station User Management API. For this, BS_GetUserImage, BS_SetUserImage, BS_GetUserFaceInfo, BS_EnrollFace, BS_EnrollUserDStation, BS_EnrollMultipleUserDStation, BS_GetAllUserInfoDStation, BS_GetUserInfoDStation, BS_GetUserDStation and BS_ReadFaceData is added
- D-Station Configuration API. For this TNA Event, SaveImageEvent, Face, Input, Wiegand, 485Network, Serial, OPMODE, Display, Fingerprint and WLAN's Read/Write API is added.
- The C++ and VB examples are modified to support D-Station devices.

Software Version 1.26

2010-04-06

- Incorporated Xpass.
- 'BS_OpenSocketEx' function is added. 'BS_OpenSocketEx' function can open the network interface to the target IP with specific host IP.
- 'disableAutoResult' field in BSDisplayConfig is added.
- 'openOnce' field in BSDoor is added.
- 'deviceID' field in BSInputFunction is added.
- 'deviceID' field in BSOutputEvent is added.
- 'support100BaseT' field in BEConfigData and BEConfigDataBLN is added.
- 'useTermination' field in BEConfigDataBLN is added

Software Version 1.25

2009-11-10

- 'useFastIDMatching' field in BSOPModeConfig is added.
- Default Timeout of USB Connection is changed from 2 seconds to 4 seconds.
- Supports server APIs which can be used for making server applications.
- Supports interactive APIs, which can be used for displaying user defined messages, images, and sounds.

Software Version 1.2

2009-06-24

- Integration of 3rd party RF device is supported. For this, BSOPModeConfig, BSIOConfig, BEConfigData, BEConfigDataBLN structures are changed and BS_WriteCardReaderConfig, BS_ReadCardReaderConfig, BS_ReadRFCardIDEx, BS_WriteCardReaderZoneConfig, BS_ReadCardReaderZoneConfig, and BS_CardReaderDoorControl functions are added.
- masterId field is added BEZoneMemberEx structure.
- The C++ example is modified to support 3rd party RF device.

Software Version 1.1

2008-12-3

- BEOutputPatternBLN, BELEDBuzzerConfigBLN, BETnaEventConfig, BETnaEventExConfig, BEConfigDataBLN, and BESysInfoDataBLN structures are added for BioLite Net. These structures are used for BS_WriteConfig and BS_ReadConfig functions.
- BS_TNA_AUTO constant is added for the tnaMode field of BEConfigDataBLN.
- BS_DEVICE_BIOLITE constant is added as a device type.
- The password field is added to BEUserHdr structure. This field is effective only for BioLite Net.
- The C++ and C# examples are modified to support BioLite Net devices.

Software Version 1.0

2008-11-4

- Created.