

Secure I/O 2

Firmware Revision Notes

Version 1.3.1

Firmware Version 1.3.1 (Build No. 1.3.1_220103)

Release: 2022-01-05

1. New Features and Improvements
 - 1.1. Improvements related to RS-485 communication.
2. Bug Fixes
 - 2.1. Device ID value changed to 0 abnormally (Affects version: v1.0.0).

Firmware Version 1.3.0 (Build No. 1.3.0_200604)

Release: 2020-06-05

1. New Features and Improvements
 - 1.1. Added feature to change device ID.
2. Bug Fixes
 - 2.1. Mac error occurs when RS-485 communication does not comply with OSDP standard.

Firmware Version 1.2.4 (Build No. 1.2.4_181031)

Release: 2018-11-29

1. New Features and Improvements
 - 1.1. If the data transmission fails when communicating with OSDP, it is transmitted again.
 - 1.2. When there is the response data with OSDP Secure Session, it responds with 0x16 for SEC_BLK_TYPE value and responds with 0x18 when there is no data.
2. Bug Fixes
 - 2.1. Problems with data communication when changing RS485 baud rate to 9600 bps with osdp_COMSET command.

Firmware Version 1.2.3 (Build No. 1.2.3_171229)

Release: 2018-04-13

1. New Features and Improvements

1.1. When there is the response data with OSDP Secure Session, it responds with 0x16 for SEC_BLK_TYPE value and responds with 0x18 when there is no data.

1.2. Verified OSDP compatibility with the latest version of the master device.

- FS2-AWB/D(V1.1.0)
- BSA2-OEPW/OHPW/OIPW/OMPW(V1.5.0)
- BS2-OEPW/OHPW/OIPW/OMPW(V1.6.0)
- CS40(V1.1.0)
- BEW2-OAP/ODP/OHP/OAP(UL)(V1.2.0)
- BSL2-OE/OM(V1.3.0)
- BEP2-OA/OD/ODS(V1.1.0)

2. Bug Fixes

2.1. Problems with data communication when changing RS485 baud rate to 9600 bps with osdp_COMSET command

Firmware Version 1.2.1 (Build No. 1.2.1_170103)

Release: 2017-02-13

1. New Features and Improvements

1.1. OSDP

- Add two Manufacturer Specific Command (MFG_RELAY_ON and MFG_RELAY_OFF)
- Support Release Alarm
- Add ability to change Secure Key in Secure Session

Firmware Version 1.1.9 (Build No. 1.1.9_161208)

Release: 2016-12-08

1. Bug Fixes

- 1.1. Communication is not possible when encountered a packet size exceeding the maximum OSDP packet queue.

Firmware Version 1.1.8 (Build No. 1.1.8_160119)

Release: 2016-01-19

1. Bug Fixes

- 1.1. OSDP ID is changed to zero and communication is not possible if FW upgrade is performed when connecting to BioStation 2 or BioStation A2 as a slave device.

Firmware Version 1.1.7 (Build No. 1.1.7_150805)

Release: 2015-08-05

1. New Features and Improvements
 - 1.1. Output the NACK signal when SecuBlock error occurs.

Firmware Version 1.1.4 (Build No. 1.1.4_150626)

Release: 2015-06-26

1. Bug Fixes
 - 1.1. Issue with RS-485 data reception.

Firmware Version 1.1.2 (Build No. 1.1.2_150129)

Release: 2015-01-29

1. New Features and Improvements
 - 1.1. When receiving OSDP Output Command, does not respond immediately. It will respond after receiving Poll Command.
 - 1.2. Changes MSB/LSB order for Serial Number
 - 1.3. Changes OSDP PDID
2. Bug Fixes
 - 2.1. FIB and BSN values are read incorrectly.
 - 2.2. OSDP SecuBlock Key is changed incorrectly.

Firmware Version 1.0.0 (Build No.1.0.0_141110)

Release: 2014-11-10

1. Initial firmware developed.



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