BioEntry Plus

Firmware Revision Notes

Version 1.2

Revision Notes

Firmware Version 1.2　　　**Build Number V1.2_081006**　　　2008-10-06

- Support BioStar, a new access control software of Suprema.

  - Key differences of BioStar over BioAdmin in terms of BioEntry Plus firmware are as follows:

  - Door configuration

    - One device can control only one door, i.e., 'two door' mode is not supported. Activating an additional relay is possible, though.

    - "Door relay" can be set as the device's own relay, other device's relays or SIO's relays in the same RS485 network. (SIO means Secure I/O)

    - "RTE" or "Door sensor" can be set as the device's own input of SIO's input in the same RS485 network. (SIO means Secure I/O)

  - RS485 network

    - In a RS485 network, a host device should be unique and the number of slave devices is up to 7, among which 4 SIOs can be included by maximum.

    - If a host device is connected to PC by LAN, it is possible to access data of RS485-networked slave devices from PC. It means, LAN connection is not necessary between PC and slave devices.

    - Except "Door configuration", it is not possible to control or monitor other device's relay or input ports in a RS485 network.

  - Zone configuration

    - Access Zone, Alarm Zone and Fire Alarm Zone are newly supported.

    - In Access Zone, user data, logs and time information can be synchronized among a master and member devices.

    - In Alarm Zone, any device can be set as a Arm or Disarm device and monitor any 'intrusive' action by specified input ports, and make alarming actions on

that occasion.

◆ In Fire Alarm Zone, the devices monitor a specified input sensor and forcibly open all doors or do alarming action in case of fire alarm.

● TCP/IP performance is improved in many cases.

● Command card functionality is newly supported on Mifare card.

● APB zone is supported for a user templates saved in a Mifare card.

● Authentication will succeed on APB/Entrance Limit zone member device in case the device is not actually connected with zone master device.

● Solved problems for which a device will not connect to BioAdmin server after LAN cable disconnected and reconnected.

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● Standard template format, as defined in ISO 19794-2, is supported.

● Fake finger detection option is added. This option enhances security level by detecting fake fingerprint inputs, but does not guarantee 100% detection.

● The sensor driver is fine-tuned to enhance the authentication performance.

● New hardware revision is supported. The following features are provided only in the new hardware with 8MB flash memory.

■ The capacity for fingerprint templates is increased to 10,000 from 5,000.

■ Network reset switch is added. Refer to BioEntry Plus Installation Guide for details.

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● Created.