BioEntry™

Firmware Revision Notes

Version 1.7

Revision Notes

Firmware Version 1.7 **Build Number*** 2007-5-4

- The updates in V1.7 firmware of SFM3500 series are incorporated.

- The following bug is fixed.

  - **BioEntry Smart FC** When Operation Mode is set to 1:N or Both, BioEntry beeps once after power-on.

*07020500	BioEntry Pass TC and BioEntry Smart TC
07021400	BioEntry Pass FC, BioEntry Pass OP, and BioEntry Smart OP
07041900	BioEntry Smart FC

Firmware Version 1.6 **Build Number 06040400** 2006-4-18

- The updates in V1.6 firmware of SFM3500 series are incorporated.

- In Normal mode, 1:N matching algorithm gets much faster without any performance degradation. The new algorithm is about two times faster than older versions. Since new Normal mode is faster than old Fast mode 1 for FC, fast mode setting is adjusted accordingly. New Fast mode 1 is equivalent to old Fast mode 2, new Fast mode 2 to old Fast mode 3, and so on. The Fast modes for OP and TC models haven't been changed.

- Time Schedule and Access Group are added.

- The default security level is changed to Auto Normal from 1/100,000.

- **BioEntry Smart** The minimum security level of a user is lowered to 1/1,000.

- **BioEntry Pass OP and BioEntry Smart OP** By tuning the sensor driver, the authentication performance is enhanced especially for dry fingers.

Firmware Version 1.5 **Build Number 05111100** 2005-11-11

- The updates in V1.5 firmware of SFM3500 series are incorporated.

- ABA Track II output is supported.

- The following bugs are fixed.

  - The status LED is turned off after handling commands from GPIO inputs.

  - The status LED does not show the results of enroll/identify/verify commands properly if these commands are from serial interface.

  - In processing Write Configuration command cards, the module hangs if an invalid card is detected.

Firmware Version 1.4.4 **Build Number 05100500** 2005-10-05

- **BioEntry Pass TC and BioEntry Smart TC** The sensor driver is updated to enhance the ESD characteristics of the reader.

Firmware Version 1.4.3 **Build Number 05090700** 2005-09-07

- The sensor drivers and bootloader are updated to accommodate the changes in the SFM3500 series modules.

- **BioEntry Pass OP** The sensor driver is updated to enhance the EMI characteristics of the reader.

Firmware Version 1.4.2 **Build Number 05083000** 2005-08-30

- **BioEntry Pass OP** The Sensor driver and bootloader are updated to accommodate the changes in the SFM3520 module.

Firmware Version 1.4.1 **Build Number 05081800** 2005-08-18

- Created.