SUPREMA

BioEntry™ Smart or Pass Starter Kit includes:

• BioEntry Smart/Pass unit
• Plastic stand for BioEntry
• BioEntry interface board
• Stereo plug to DB-9 cable
• DB-9 extension cable
• Screw set
• CD containing BioEntry™ Admin Software, SFM SDK, Installation Guide, Operation manual, etc. Also, you can download same software and documents at http://www.supremainc.com.
• A DC adaptor
• Starter Kit User Guide
• USB fingerprint reader (for OP/TC only)
• USB Smart card read/write device (for BioEntry Smart OP/TC only)
• 5 pcs of smart card (for BioEntry Smart only)

Quick setup

Before you start to set up, carefully please read this User Guide, Quick Start Guide, Installation Guide and Operation Manual.
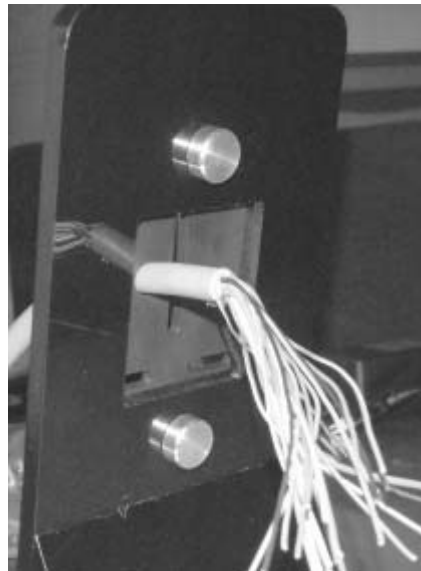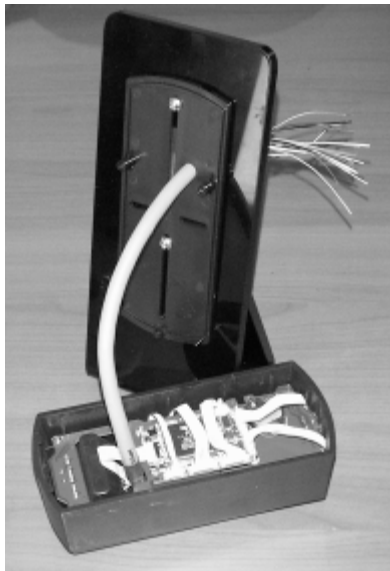
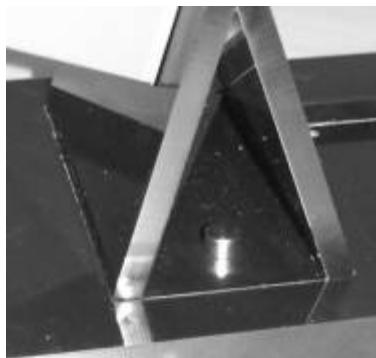**Mounting interface board onto the plastic stand**

Installing the BioEntry Smart/Pass

For installation of the BioEntry, please refer to 'Installation Guide'.

If you intend to use auxiliary port for communication, please check the status of slide switch inside BioEntry before reassembling.

Assembling the plastic stand

Connecting wires

Connect BioEntry wires to the interface board. The interface board has terminal block connectors for BioEntry and has signal labels as shown in Table 1. Most signals are wired one-to-one so that the user can connect other devices to the other side of the board. Additionally, the interface board has two push buttons for 'IN0' and 'IN1' signals and two relays for 'OUT0' and 'OUT1' signals. Please refer to Figure 1. for further details.

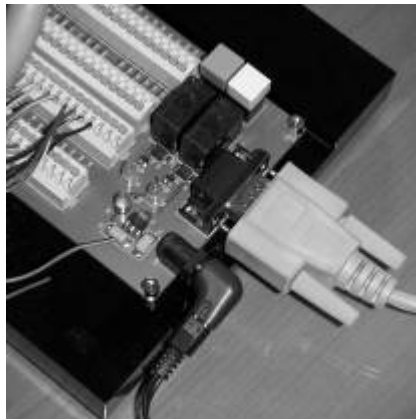| Wire color		BioEntry Signal	Board Label	Description
Shield (naked wire)		EARTH	GND	Ground Earth
Blue with yellow tracer			WI_C	Reserved
Black with white tracer		IN0	IN0	TTL IN 0
Black		IN1	IN1	TTL IN 1
Brown with white tracer		OUT0	OUT0	TTL OUT 0
Brown		OUT1	OUT1	TTL OUT 1
Red with white tracer		IO_GND	GND	GND, for IO signals
Red			WO_C	Reserved
Orange with white tracer		WO_GND	GND	Wiegand Output, GND
Orange		WO_VREF	WO_VCC	Wiegand Output, VREF
Yellow with red tracer		WO_D0	WO_D0	Wiegand Output, Data 0
Yellow		WO_D1	WO_D1	Wiegand Output, Data 1
Green with white tracer		WI_D0	WI_D0	Wiegand Input, Data 0
Green		WI_D1	WI_D1	Wiegand Input, Data 1
Blue with white tracer		COM_GND	GND	Comm. GND (for RS-232C)
Blue		WI_GND	GND	Wiegand Input GND
Violet with white tracer		RX2	RX2	RX data, RS-232C level
Violet		TX2	TX2	TX data, RS-232C level
Gray with red tracer		RX+	RX+	RX+, RS-485 level
Gray		RX-	RX-	RX-, RS-485 level
White with red tracer		TX+	TX+	TX+, RS-485 level
White		TX-	TX-	TX-, RS-485 level
Green with yellow tracer		POW_GND	GND	Power GND
Red with yellow tracer		POW+	POW+	Power Input

Table 1> BioEntry wire colors

Connecting with computer

The BioEntry Starter Kit offers two methods of connecting BioEntry with the computer.

① Using DB-9 connector on interface board

Use DB-9 extension cable to connect the interface board with the computer's serial port.

② Using auxiliary phone jack

Use DB-9 to phone plug cable to connect the interface board with the computer's serial port. You should slide down the aux port enabling switch to enable the aux. connector.

③ Connecting with other devices

If you intend to use BioEntry Starter Kit along with Wiegand readers or access controllers, use interface board's terminal block connectors instead of directly connecting with pigtail cable.

④ Connecting power adaptor

After connecting all wires to the interface board, plug in power adaptor to the interface board.

⑤ Installing the BioEntry™ Admin Software and relevant drivers for the smart card read/write device and the fingerprint USB reader

Please refer to 'Operation Manual' for further details.
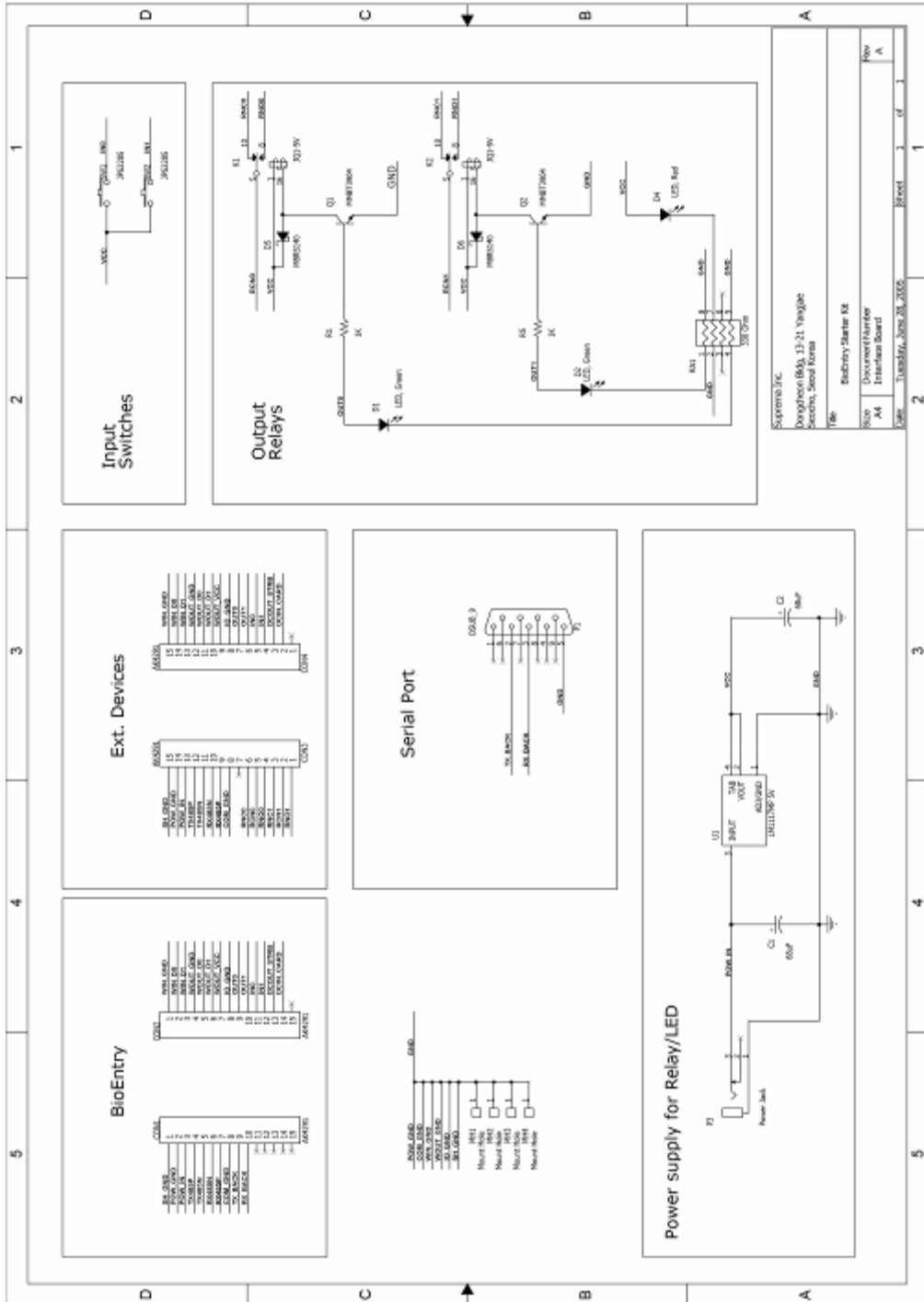
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BioEntry™ Smart/Pass Starter Kit

Appendix

Figure 1> Interface Board Schematic Diagram