

Quick Start Guide

BioEntry™ Smart/Pass



A BioEntry™ Smart or Pass unit includes:

- BioEntry™ Smart or Pass with pigtail connection cable
- Stereo plug to DB-9 cable
- Star wrench
- 2 ferrite cores
- Quick Start Guide
- Mounting Template
- CD containing BioEntry™ Admin Software, Installation Guide, Operation manual, etc. If not, you can download same software and documents at <http://www.supremainc.com>

Additional items to be required for Setup

- DC Power supply rated at 9~24V @ 500mA
- BioEntry™ Admin Software runs at Windows 98, ME, 2000 or XP
- Mifare smart card in case of BioEntry™ Smart
- An access controller with Wiegand input port or Data/Clock input port

Setting up the BioEntry™ Smart/Pass

- Carefully read this Quick Start Guide, Installation Guide, and Operation Manual.
- Check all wiring and device configuration in Installation Guide.

Warning: Care should be taken identifying the wires. Improper wiring may render permanent damage to the BioEntry™ or personal injury. Carefully please read the section of "Connecting Wires" in Installation Guide.

Warning: To prevent ground loops and avoid communication problems, connect cable shield to earth GND at only one point.

- Check for the correct supply voltage rated at 9~24V @ 500mA before powering up the BioEntry™ Smart or Pass through the pigtail.
- Install the BioEntry™ Admin Software on PC or Laptop by running BioAdmin.exe in CD. By using this software, you will be able to do template management of respective BioEntry, properly adjust relevant parameters, enroll or delete templates, etc.
- Configure COM port, Admin Password and Site-Key - only for BioEntry™ Smart – in preference window of the BioEntry™ Admin Software. Please read the preference section in Operation Manual

For more information, please contact Suprema and its local representatives in your country.

Contact Information:

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The BioEntry is connected to other devices of the security system through the pigtail cable at the rear side.

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

Table > BioEntry wire colors

Warning: Care should be taken identifying the wires. Improper wiring may render permanent damage to the device or personal injury.