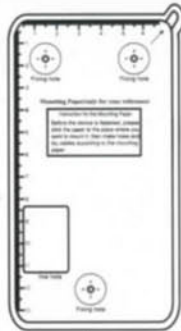
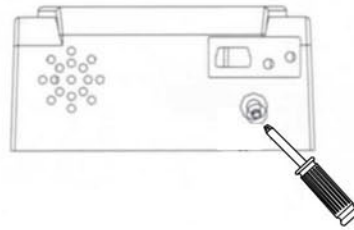


1. Equipment Installation



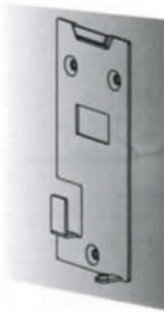
(1) Post the mounting template on the wall. Drill the holes according to the marks on the template (holes for screw and wiring).



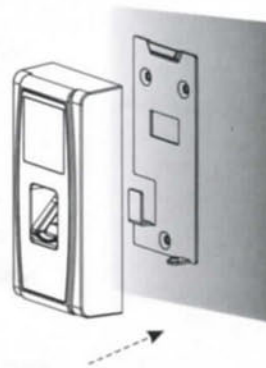
(2) Remove the screw on the bottom of device.



(3) Take away the back cover.



(4) Fix the back cover on the wall according to the mounting paper.

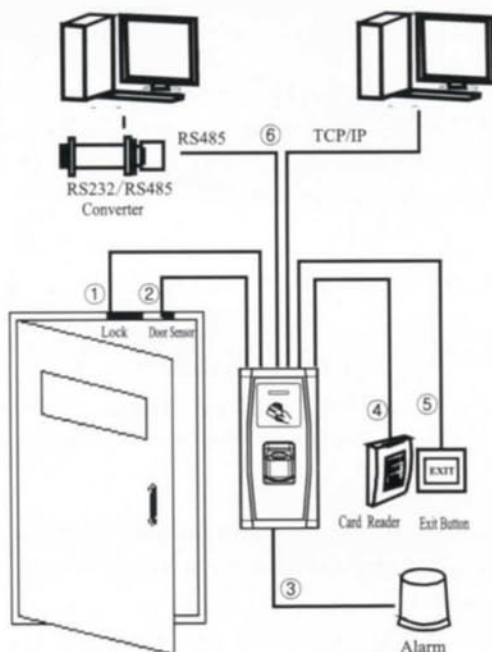


(5) Fix the device to the back cover.



(6) Fix the screw.

2. Structure and Function



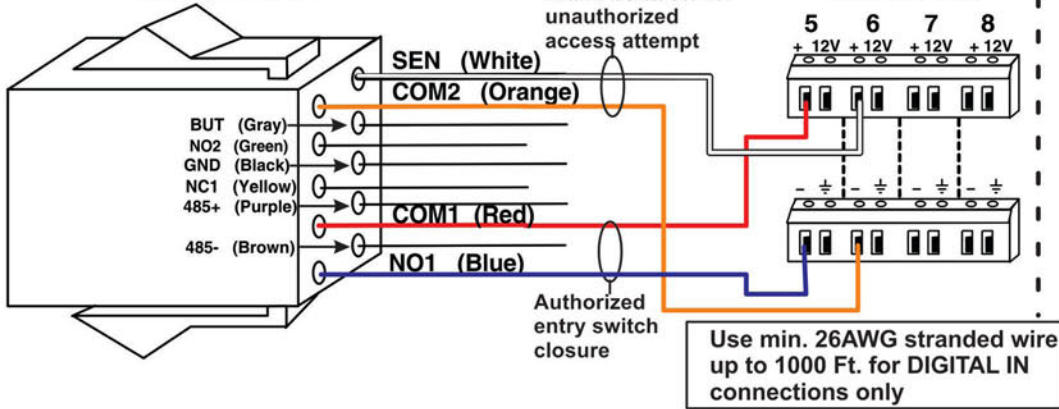
Access Control System Function:

- (1) If a registered user verified, the device will export the signal to unlock the door.
- (2) Door sensor will detect the on-off state. If the door is unexpected opened or improperly closed, the alarm signal (digital value) will be triggered.
- (3) If the device being illegally removed, the device will export alarm signal.
- (4) External card reader is supported.
- (5) External exit button is supported; it is convenient to open the door inside.
- (6) Supports RS485, TCP/IP modes to connect with PC. One PC can manage multiple devices.

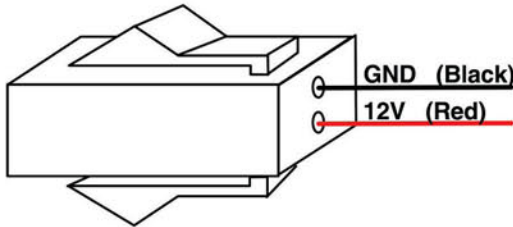
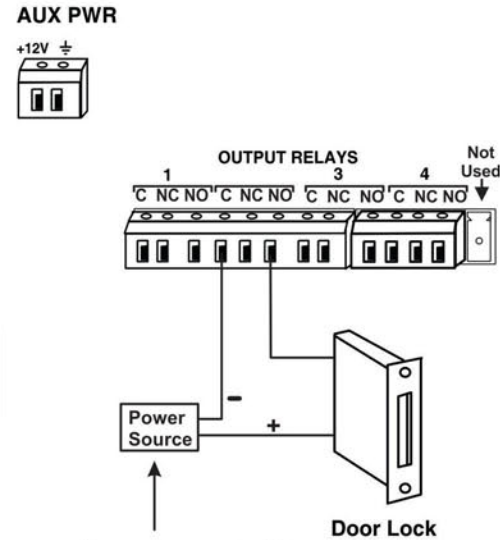
ENVIROMUX-FACS Fingerprint Access Control System

3 Wiring

ENVIROMUX-FACS Wiring Harness



VIEW OF REAR OF ENVIROMUX-16D



- Power source options:
1. 12V and Gnd of Digital In 8 (not 1-7)
 2. 12V and Gnd of Aux Pwr terminals
 3. External 12V 1A power supply

- Power source options:
1. 12V and Gnd of any Digital In (1-8)
 2. 12V and Gnd of Aux Pwr terminals
 3. External 12V 1A power supply

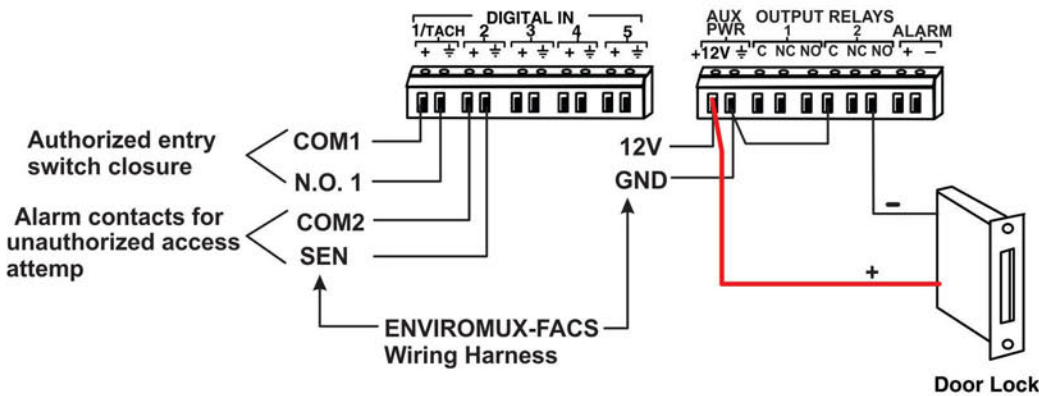
Power Wire Gauge Recommendations

Max.Length(Ft)	AWG
100	26
400	24
700	22
1000	20

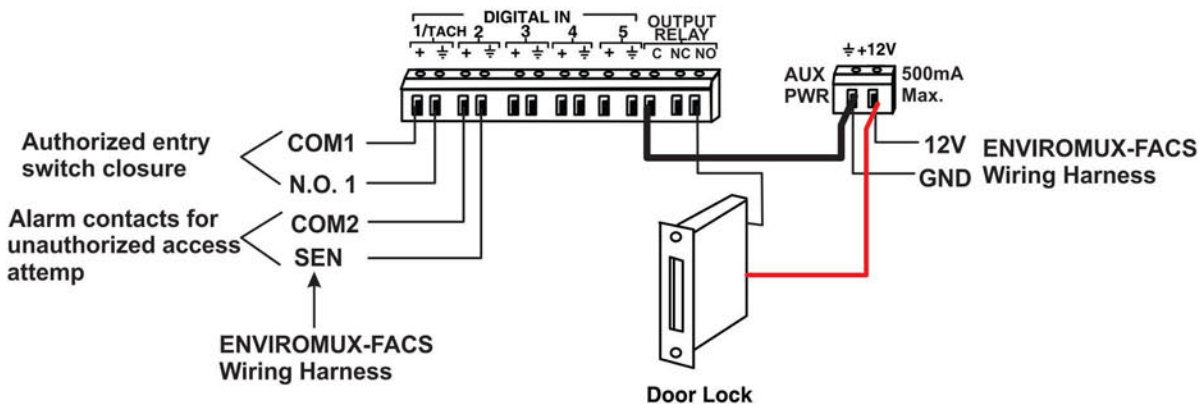
For best performance, use stranded wire.

The ENVIROMUX-FACS requires 200mA @ 12VDC to operate.

VIEW OF TERMINALS ON ENVIROMUX-5D



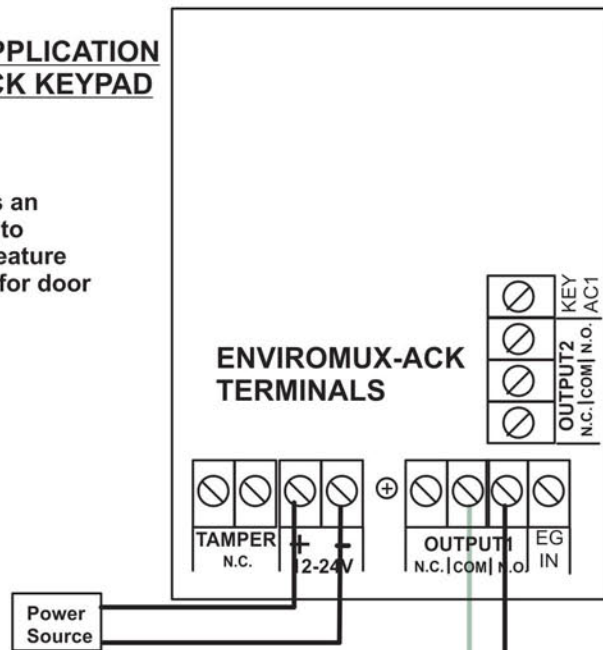
VIEW OF TERMINALS ON ENVIROMUX-2D



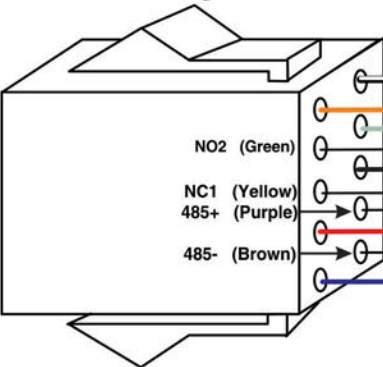
3 Wiring

ENVIROMUX-FACS APPLICATION WITH ENVIROMUX-ACK KEYPAD ADDED.

This wiring method utilizes an ENVIROMUX-ACK Keypad to activate the "Exit Button" feature of the ENVIROMUX-FACS for door lock control.



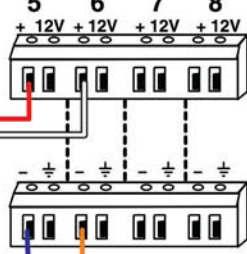
ENVIROMUX-FACS Wiring Harness



Alarm contacts for unauthorized access attempt

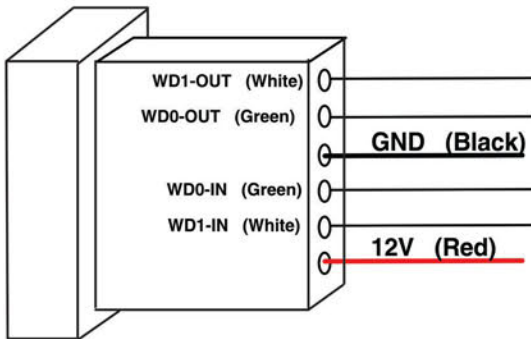
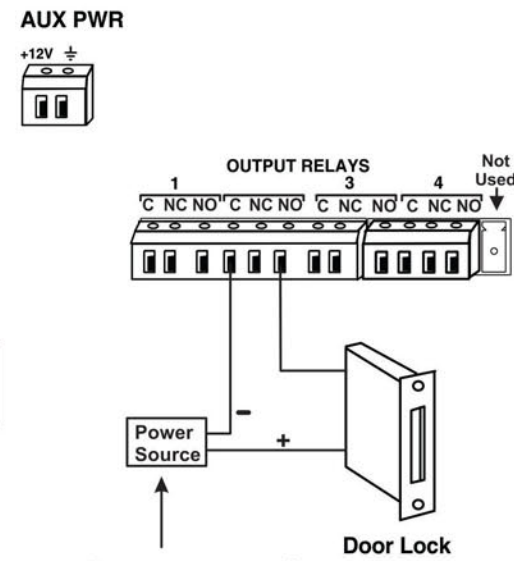
Authorized entry switch closure

DIGITAL IN



Use min. 26AWG stranded wire up to 1000 Ft. for DIGITAL IN connections only

VIEW OF REAR OF ENVIROMUX-16D



- ENVIROMUX-16D Power source options:**
- 12V and Gnd of Digital In 8 (not 1-7)
 - 12V and Gnd of Aux Pwr terminals
 - External 12V 1A power supply

- Power source options:**
- 12V and Gnd of any Digital In (1-8)
 - 12V and Gnd of Aux Pwr terminals
 - External 12V 1A power supply