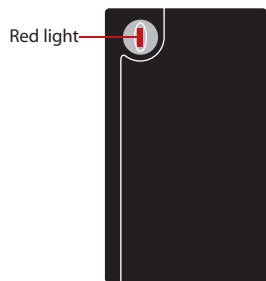


4 • VERIFICATION

i-Kadex is a slave terminal for card system. It reads card ID and the information is sent to master terminal for verification. i-Kadex does not come with memory, therefore cannot perform card registration. Kindly make sure that cards information is enrolled into the master terminal before attempting to use i-Kadex.

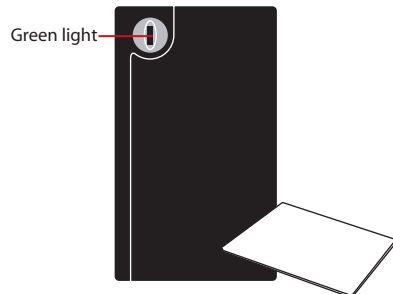
VERIFYING CARD

Step 1



Make sure that i-Kadex is in standby mode and your card has been enrolled into a master terminal.

Step 2



Wave your card at the card induction area. Once i-Kadex reads the card information, LED turns green and sends the information to a master terminal for verification.

FROM MASTER TERMINAL

Step 1

```
Verify
CARD: 0003837885
USER ID: 00001
VERIFIED
```

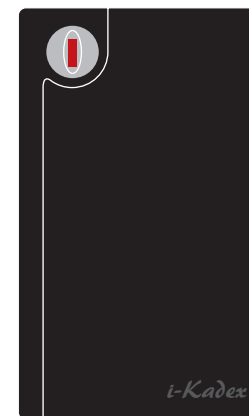
Once the master terminal verifies the card, it will prompt "Verify".

Step 2

```
Verify PIN Card
No enroll
```

If the card has not been enrolled or there is anything wrong with the card, the master terminal will prompt an "oo..oo.." sound indicating verification failure.

FINGERTEC
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i-Kadex

RFID Card Access Control Slave Terminal

User & Installation Guide

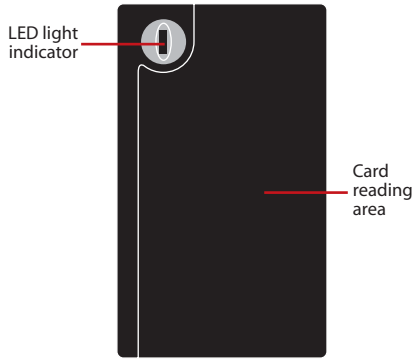
www.fingertec.com

For technical tips and manuals in other languages,
refer to <http://user.fingertec.com>

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CE FC

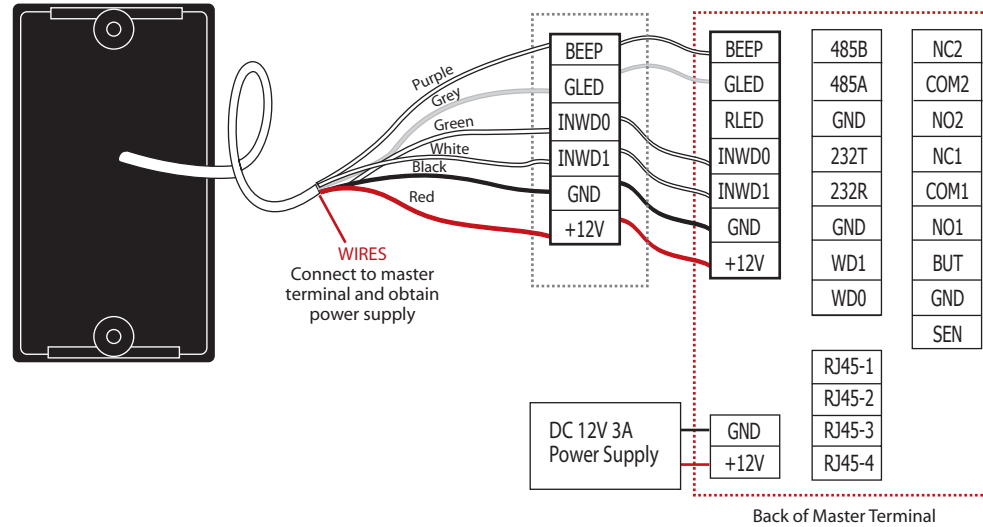
1 • INTRODUCTION



i-Kadex is a slave terminal for card door access control system. i-Kadex reads and captures information from a card, and sends the information to master terminal for verification. i-Kadex communicates with the master terminal via Wiegand 26-bit output, requiring master terminals with Wiegand 26-bit input to accept signals from the slave.

Item	What Is It For
LED light indicator	Red light indicating standby mode Green light indicating that card information is being read and sent to master terminal for verification.
Card reading area	RFID Card, 125kHz 50 to 80mm MIFARE, 13.56MHz 30 to 50mm

2 • CONNECTIONS & WIRING DIAGRAMS



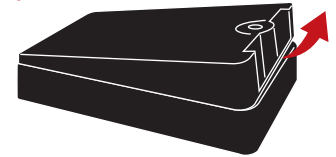
COLOR	WIRE	FUNCTION	CONNECT TO TERMINAL
Black	GND	Supplying power (DC12V 3A) to i-Kadex	Power Supply: GND
Red	PWR		Power Supply: +12V
Green	WD0	Wiegand 26-bit output connecting to master terminal's. Wiegand 26-bit input.	INWD0
White	WD1		INWD1
Black	GND		GND
Grey	LED	LED input from the master terminal.	GLED
Purple	BEEP	Buzzer input from the master terminal.	BEEP

REMARK:
Only 1 black wire is provided. It can be shared for GND for power supply and Wiegand 26-bit output.

3 • INSTALLATION

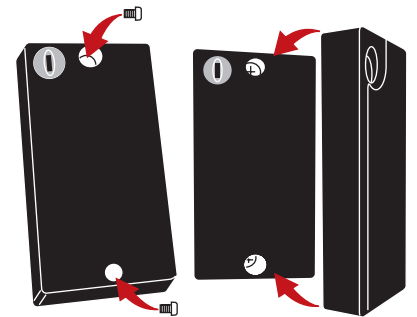
Please read the instructions carefully before installing i-Kadex. i-Kadex is powered on by the master terminal, therefore no extra power supply is required. Check details in the wiring diagram.

Step 1



Remove the cover of i-Kadex.

Step 2



Tighten screws to fix i-Kadex on a wall. Place the cover of i-Kadex into position.