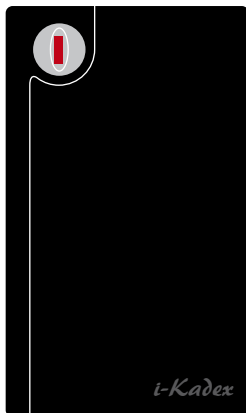
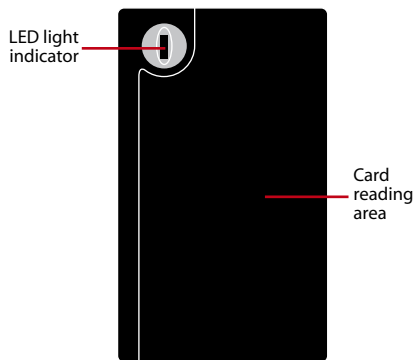


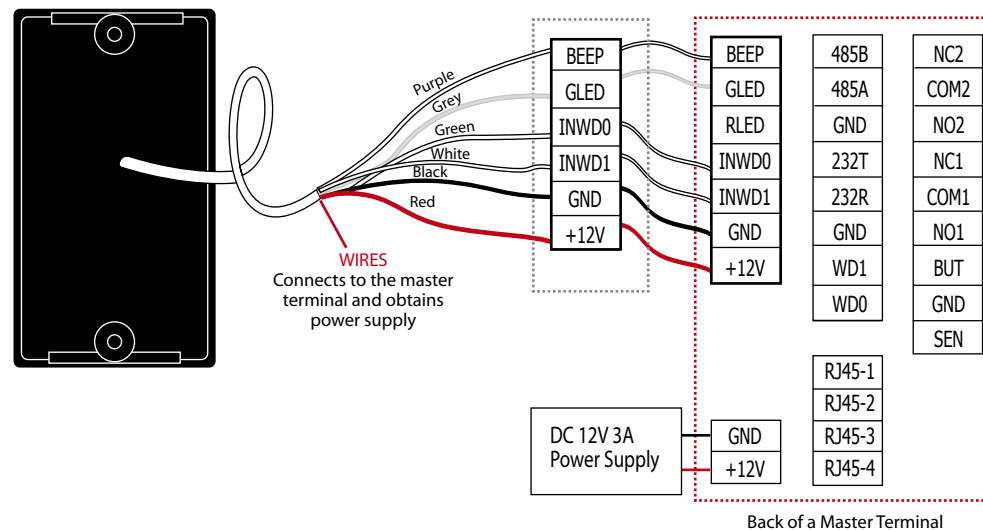
1 • INTRODUCTION



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

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

2 • CONNECTIONS & WIRING DIAGRAMS

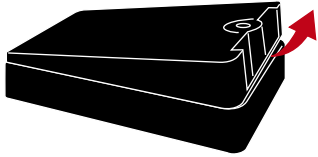


COLOR	WIRE	FUNCTION	CONNECT TO TERMINAL	<p>REMARK: Only 1 black wire is provided. It can be shared for GND for power supply and Wiegand 26-bit output.</p>
Black	GND	Supplies power (DC12V 3A) to i-Kadex	Power Supply: GND	
Red	PWR		Power Supply: +12V	
Green	WD0	Wiegand 26-bit output connects to a master 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	

3 • INSTALLATION

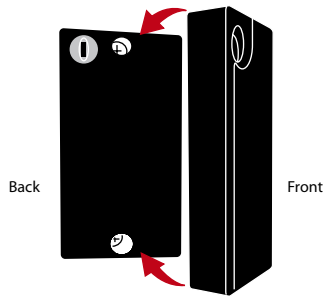
Please read the instructions carefully before installing the i-Kadex. i-Kadex is powered on by the master terminal, therefore requiring no extra power supply. Check details in the wiring diagram.

Step 1



Remove the back piece of the i-Kadex.

Step 2



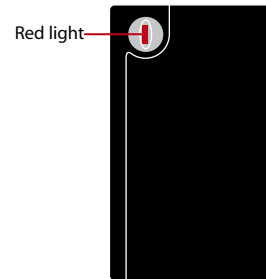
Tighten the 2 screws to fix the back piece of the i-Kadex onto a wall. Place the front cover of the i-Kadex into position.

4 • VERIFICATION

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

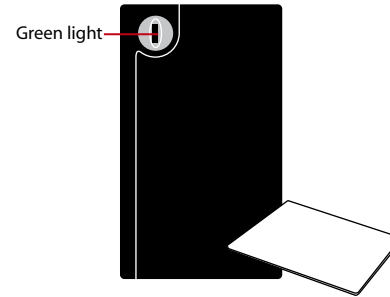
VERIFYING CARD

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, the 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, the prompt "Verify" will be displayed.

Step 2

```
Verify PIN Card
No enroll
```

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

www.fingertec.com

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

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