FING€RTEC

A Firm Access with FingerTec's *Kadex* Series

Password	Card	TCP/IP	RS232/RS485	USB
	Card	TCP/IP	RS232/RS485	USB
	Card			
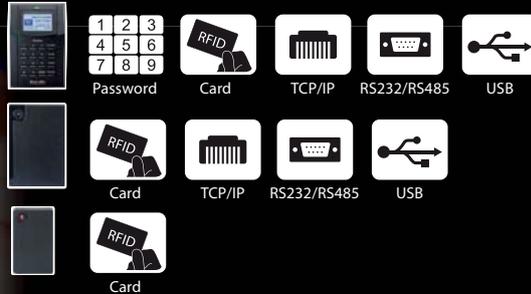
The Kadex is an access control & time attendance card reader system that supports card ID, a 5-digit password, or a combination of both. The entire Kadex series consists of the Kadex, the m-Kadex which is a simpler version of the Kadex without an LCD screen and keypad, and the exit slave reader, the i-Kadex. A combination of either the Kadex or the m-Kadex with the i-Kadex makes a complete and cost effective in-out door access system for those who prefer the traditional punch card system with a modern twist.

Kadex   **m-Kadex**   **i-Kadex**

Powered by
ingress software

Product
Self-Guide DVD
INSIDE

2 YEARS
LIMITED WARRANTY
28 Months
for Resellers

👍 Like

Small, Yet Loaded with Capacity
The Kadex and m-Kadex can store a whopping total of 30000 users, and 50000 transaction logs.

Value for Money
Mix and match your FingerTec system with m-Kadex to give you more value for your money. Choose Kadex for the main entrance, m-Kadex for other entrances and i-Kadex for exits. Haven't you want options in life?

Combine Your Verification Methods
Opt for the combination of verification methods secure your workplace further. Choose the card and password verification with the Kadex for tighter security.

Manage Your Shift Workers
The Kadex and m-Kadex can be programmed with a total of 50 time zones – perfect for companies with shift work.

Manage Your Data Easily
Administration is easy with the Ingress software application. Ingress allows you to remotely manage door activity of all connected terminals, while containing time attendance functions for attendance monitoring.

Built-In Alarm
Increase the security at your workplace by installing an external alarm, and be alerted during unexpected scenarios such as break-ins and fire emergencies.

Simple Administrator Management & Enrollment
The m-Kadex's simple outlook is complimented with a simple management system. Just swipe your administrator card to enroll, delete, or reset the terminal.

Easy Data Management
All you need is a USB flash disk to transfer transaction logs to your computer. It is that easy!

LAYOUT PLAN

System Communication
for illustration only

Networked System + Software

Hub/Switch

TCP/IP (Straight Cable)

RS232

TCP/IP (Cross Cable)

RS232

RS232/RS485 Data Converter

4 core Shielded Belden Cable

RS485

3017A Paired RS485 Cable

i-Kadex Kadex m-Kadex — **TCP/IP**

i-Kadex m-Kadex — **Standalone**

m-Kadex i-Kadex Kadex — **RS232/RS485**

Note: System Communication for Kadex installation is exactly the same as shown above, minus the i-Kadex

Installation Diagram *AdapTec is sold separately.*

Override Key Switch

AC110 ~240V Power input

AdapTec*

EM Lock

Emergency Break Glass

Software + Management System

INDOOR **OUTDOOR**

Kadex

AC110 ~240V Power input

AdapTec*

Override Key Switch

EM Lock

m-Kadex

RS232/RS485 TCP/IP

Weigand

i-Kadex

Emergency Break Glass

OUTDOOR **INDOOR**

SPECIFICATIONS

MODEL	Kadex	m-Kadex	i-Kadex
SURFACE FINISHING	Acrylonitrile Butadiene Styrene (ABS)	Polycarbonate	
TYPE OF SCANNER	RFID antenna		
PROCESSOR	400 MHz microprocessor		
MEMORY	8MB flash memory & 32MB SDRAM		Fingerprint / Card capturing station
ALGORITHM	BioBridge VX 9.0		
PRODUCT DIMENSION (L X W X H), mm	92 x 48 x 137	92 x 29 x 134	55 x 15 x 100
STORAGE			
• Cards	30000		Storage in master
• Transaction	50000		
ENROLLMENTS & VERIFICATION			
• Methods	Card or Password	Card only	Card capturing station
• Card per user ID	1		
• Reading distance, mm	50 ~ 80		
• Verification time (sec)	<1		Manage by master
CARD TECHNOLOGY			
• RFID: 64-bit, 125kHz	Yes		
• MIFARE: MFIS50/S70, 13.56MHz	Made to order		
• HID: HID 1325, 26-bit, 125kHz	Made to order		N/A
COMMUNICATIONS			
• Method	TCP/IP, RS232, RS485, USB flash disk		Wiegand 26-bit output
• Baud rates	9600, 19200, 38400, 57600, 115200		N/A
• Wiegand	26-bit input/ output		26-bit output
OPERATING ENVIRONMENT			
• Temperature (°C)	0 ~ 45		-10 ~ 70
• Humidity (%)	20 ~ 80		
• Power input	DC 12V 3A		DC 12V 1A
• IP 65 rating	No		Yes
TIME ATTENDANCE			
• Work codes	Yes	N/A	
MULTIMEDIA			
• Voice	Yes	N/A	
• Short messaging	Yes	N/A	
ACCESS CONTROL			
• EM lock driving output	DC12V 3A		Manage by master
• Alarm output	NO / NC		
• Antipassback	Yes		
VOICE / DISPLAY LANGUAGE (TERMINAL) *(only for Kadex)*	English (Standard), Arabic, Malay, Indonesian, Chinese (Traditional), Chinese (Simplified), Cantonese, Thai, Vietnamese, Korean, Spanish, Portuguese (Portugal), Portuguese (Brazil), Polish, French, Russian, German, Italian, Turkish, Persian, Slovak, Greek, Dutch, Hebrew, Romanian, Bulgarian. *Other languages are available upon request.*		

*N/A: Not applicable

NOTE: Specifications are subject to change. Check **http://product.fingertec.com** for latest product information.
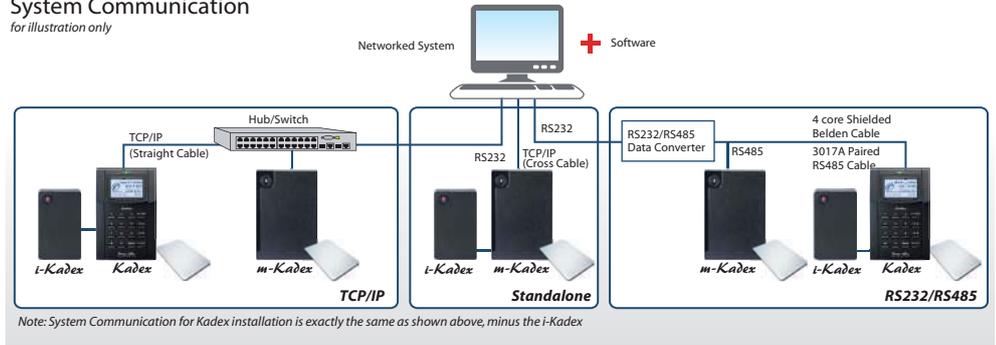
Packaging

1 Kadex
Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
Weight : 0.75kg

2 Kadex & i-Kadex
Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
Weight : 0.85kg

3 m-Kadex
Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
Weight : 0.75kg

4 m-Kadex & i-Kadex
Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
Weight : 0.85kg

5 i-Kadex
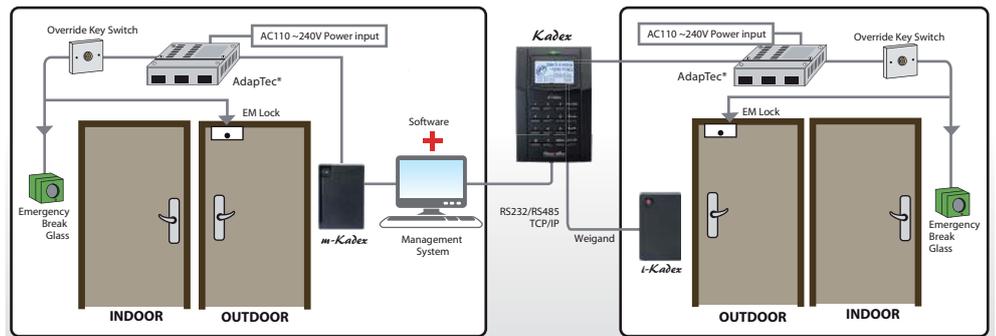Dimension (mm) : 173(L) x 60 (W) x 135H)
Weight : 0.26kg

FINGERTEC

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CE FC RoHS MADE IN MALAYSIA FOR THE WORLD

062013