

Kadex Series

Complete Card Reader for Door Access & Time Attendance System



Kadex



m-Kadex



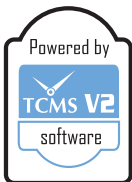
i-Kadex

Kadex, an access control & time attendance card reader supports card ID, 5-digit password or a combination of both. The Kadex terminal works with a security alarm system to alert users in case of a break in and when the duress function is used. The terminal can integrate with a fire alarm system to unlock all doors when the alarm is triggered. The Kadex communicates with a computer via TCP/IP and it allows data transfer using a USB flash disk, to eliminate extra wiring and in case of a failed connection situation.

The m-Kadex is a simpler version of Kadex. The terminal functions similarly like the Kadex but it is designed without any keypads or LCD. The management of the m-Kadex must be carried out through the software except for enrollment and deletion of card users, which can be performed at the terminal by a person holding an administrator card.

The i-Kadex is a slave reader to complement the Kadex and m-Kadex for a professional access control function. It reads the most commonly used Wiegand protocol and it is made waterproof and dustproof (IP65) for a longer lasting access control device.

The Kadex series complies with international standards of CE, UL, FCC & MIC; our testament to safety and security.



FEATURES & BENEFITS

TIME ATTENDANCE

- Collects all clocking data automatically & systematically
- Fast & effective data management by powerful software
- Verification combination with card, Password, or RFID + Password
- "Touch & Go" concept for effective operation

CONNECTIVITY

- Supports standard TCP/IP, RS232 & RS485 connection
- Multi readers powered by centralized software
- USB flash disk to ease data transfer
- Supports standard Wiegand 26-bit (Kadex, m-Kadex, i-Kadex) or 34-bit output (i-Kadex)

ACCESS CONTROL

- Eliminates unauthorized access
- Constant monitoring of staff movement
- Extra security with combination of card & password
- Easy integration with different types of door lock system
- 50 time zones with 5 groups to control staff accessibility
- Trigger alarm for tamper switch released, forced access, duress case & external siren
- Supports antipassback feature

WEB LINK

Product

- <http://info.fingertec.com/kadex-1>
- <http://info.fingertec.com/mkadex-1>
- <http://info.fingertec.com/ikadex-1>

Quick Start Guide

- <http://info.fingertec.com/kadex-2>
- <http://info.fingertec.com/mkadex-2>
- <http://info.fingertec.com/ikadex-2>

Installation Guide

- <http://info.fingertec.com/kadex-3>
- <http://info.fingertec.com/mkadex-3>
- <http://info.fingertec.com/ikadex-3>

User Guide

- <http://info.fingertec.com/kadex-4>
- <http://info.fingertec.com/mkadex-4>
- <http://info.fingertec.com/ikadex-4>

Video Guide

- <http://info.fingertec.com/kadex-5>

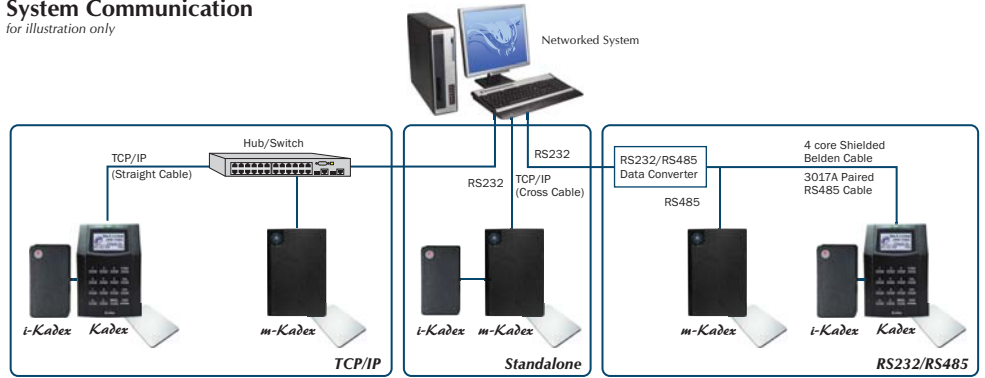
Technical Tips

- <http://info.fingertec.com/kadex-6>
- <http://info.fingertec.com/mkadex-6>
- <http://info.fingertec.com/ikadex-6>

LAYOUT PLAN

System Communication

for illustration only

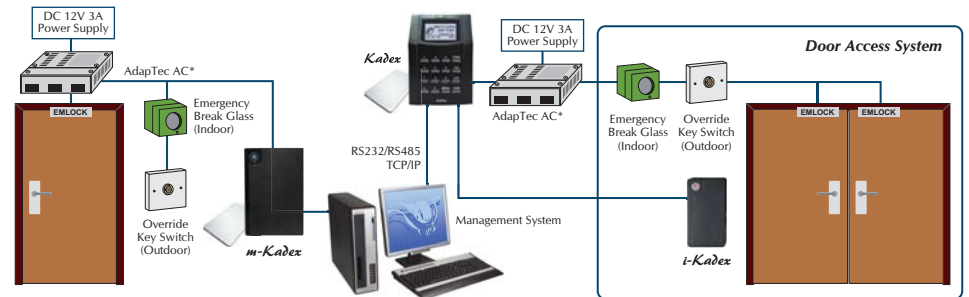


Note: System Communication for Kadex installation is exactly the same as shown above, minus the i-Kadex

Installation Diagram

for illustration only

*AdapTec is sold separately.



SPECIFICATIONS

MODEL	Kadex	m-Kadex	i-Kadex
SURFACE FINISHING	Acrylonitrile Butadiene Styrene (ABS)	Polycarbonate	
TYPE OF SCANNER	RFID antenna		
PRODUCT DIMENSION (L X W X H), mm	92 x 49 x 137	92 x 29 x 134	55 x 15 x 100
STORAGE			
• User Capacity	30000		N/A
• Transaction	50000		N/A
ENROLLMENT & VERIFICATION			
• Methods	Password or Card	Card only	N/A
• Card per user ID	1		N/A
• Reading distance, mm		50 ~ 80	
• Verification time (sec)	< 1		N/A
CARD TECHNOLOGY			
• RFID: 64-bit, 125kHz	Yes		
• MIFARE: MF1S50/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
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		N/A
• Alarm output	NO / NC		N/A
• Antipassback	Yes		N/A
VOICE / DISPLAY LANGUAGE (TERMINAL) (only for Kadex)	English (Standard) / (Upon Request - Arabic / Indonesian / Spanish / Turkish / Thai / Polish / Korea / Romanian / Portuguese / Dutch / Chinese / French / Slovenia/ Russian/ Greek / Hebrew / Persian / Italian / Vietnamese / Czech / Bulgarian)		
SOFTWARE LANGUAGE	English, Arabic, Indonesian, Spanish, Chinese, Thai, Vietnamese, French, Persian, Italian, Russian, Malay, Portuguese, German		

*N/A: Not applicable



Packaging

• Kadex

Dimension (mm): 250(L) x 80(W) x 150(H)
Weight : 0.8kg

• m-Kadex

Dimension (mm): 217(L) x 67(W) x 156(H)
Weight : 0.6kg

• i-Kadex

Dimension (mm): 80(L) x 50(W) x 164(H)
Weight : 0.2kg



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