



## Kadex & i-Kadex Complete Card Reader System for Time & Door Access & Functions



**Kadex**, a time attendance & door access control RFID card reader supports RFID card ID, 5-digit password or combination of both. **Kadex** terminal works with security alarm system to alert users in cases of break in and when duress function in **Kadex** reader is used. The terminal can integrate with fire alarm system to unlock all doors when fire alarm is triggered.

**Kadex** communicates with computer via TCP/IP and it allows data transfer to be done via USB flash disk to eliminate extra wiring.

**Kadex** complies with international standard of CE, UL, FCC & MIC, our testament to safety & quality.

**i-Kadex** (slave) complements Kadex RFID card reader (master) for a professional access control function. **i-Kadex** is designed sleek and slim to match the sophistication of today's environment, and it reads the most commonly used Wiegand protocol. **i-Kadex** is made waterproof and dustproof (IP65) for a longer lasting access control device.



### FEATURES & BENEFITS

#### TIME ATTENDANCE

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

#### CONNECTIVITY

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

#### ACCESS CONTROL

- To eliminate unauthorized access
- Constant monitoring of staff movement
- Extra security with combination of RFID 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



One finger solves it all

## LAYOUT PLAN

### System Communication

for illustration only

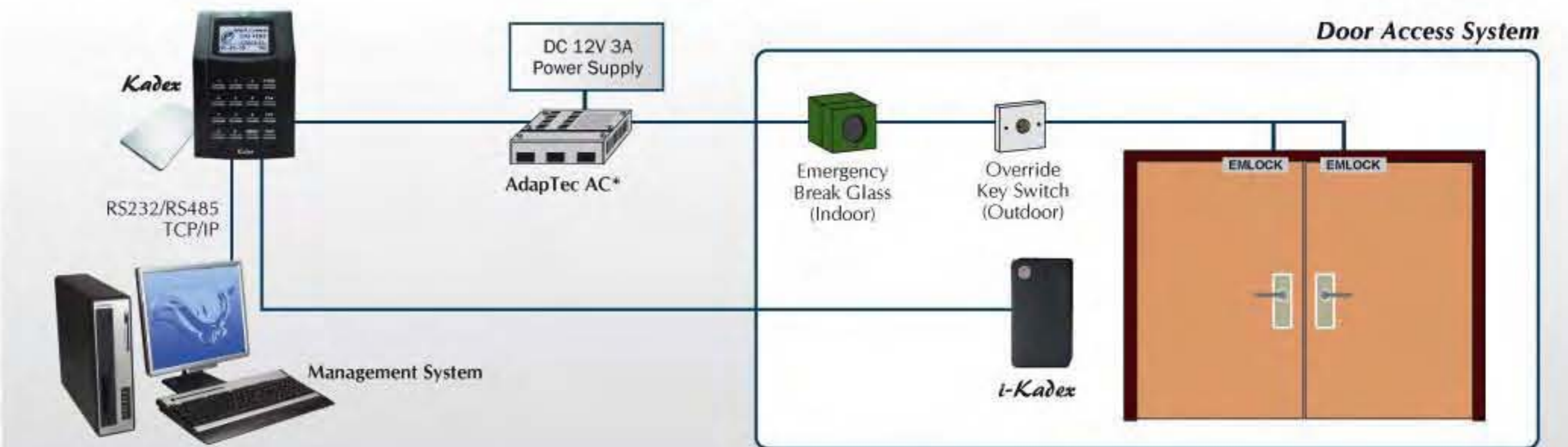


Note: System Communication for Kadex only is exactly the same as shown above, minus the i-Kadex

### Installation Diagram

for illustration only

\*AdapTec is sold separately.



## SPECIFICATIONS

MODEL	Kadex	i-Kadex
<b>SURFACE FINISHING</b>	Acrylonitrile Butadiene Styrene (ABS)	Polycarbonate
<b>TYPE OF SCANNER</b>	Optical	
<b>DIMENSION (L X W X H), mm</b>	92 x 49 x 137	55 x 15 x 100
<b>STORAGE</b>		
• User Capacity	30000	N/A
• Transaction	50000	N/A
<b>ENROLLMENT &amp; VERIFICATION</b>		
• Methods	Password or Card	N/A
• Card per user ID	1	N/A
• Reading distance, mm	50 ~ 80	
• Verification time (sec)	< 1	N/A
<b>CARD TECHNOLOGY</b>		
• RFID: 64-bits, 125kHz	Yes	
• MIFARE: MFIS50/S70, 13.56MHz	Made to order	
• HID: HID 1325, 26-bits, 125kHz	Made to order	
<b>COMMUNICATIONS</b>		
• Method	TCP/IP, RS232, RS485, USB flash disk	Wiegand output
• Baud rates	9600, 19200, 38400, 57600, 115200	N/A
• Wiegand	26-bits input/ output	26-bits and 34-bits output
<b>OPERATING ENVIRONMENT</b>		
• Temperature (°C)	0 ~ 45	-10 ~ 70
• Humidity (%)	20 ~ 80	
• Power input	DC12V 3A	DC12V
<b>TIME ATTENDANCE</b>		
• Work codes	Yes	N/A
<b>MULTIMEDIA</b>		
• Greeting voice	Yes	N/A
• Short messaging	Yes	N/A
<b>ACCESS CONTROL</b>		
• EM lock driving output	DC12V	N/A
• Alarm output	NO/NC	N/A
• Antipassback	Yes	N/A
<b>GREETING VOICE / DISPLAY LANGUAGE (READER)</b>	English (Standard) / (Upon Request - Arabic / Indonesian / Spanish / Turkish / Thai / Polish / Korea / Romanian / Portuguese / Dutch / Chinese / French / Slovenia/ Russian/ Greek / Hebrew / Farsi / Italian / Vietnamese / Czech / Bulgarian)	
<b>SOFTWARE LANGUAGE</b>	English, Arabic, Indonesian, Spanish, Chinese, Thai, Vietnamese, French, Farsi, Italian, Russian, Malay, Portuguese, German	



#### Packaging

##### • Kadex

Dimension (mm): 300(L) x 87(W) x 225(H)  
Weight : 1kg

##### • i-Kadex

Dimension (mm): 80(L) x 50(W) x 164(H)  
Weight : 180g



**TaxCode**  
INFOSOLUTIONS