

A Firm  
Access  
with  
FingerTec's  
*Kadex*  
Slave Series



The i-Kadex and k-Kadex are two slave readers in the Kadex series that works with a master terminal to create a complete IN-OUT access system with either a card or password function. Designed to be stylishly in sync with the Kadex series, the i-Kadex and k-Kadex can be mixed and matched to any master terminal in the series as a more cost effective option for an exit terminal. The i-Kadex and k-Kadex are easy to install and manage, giving you a simple yet advanced access control system for your premises.



**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.



**Track Movement of Staff**

By installing an exit slave reader instead of a push button, the management will find it easier to track the movement of staff, as verification is needed even when exiting the premises.



**Versatility Assured**

The i-Kadex and k-Kadex come with a Wiegand 26-bit output, which means it can connect to most external controllers without hassles.



**Waterproof**

The quality of the i-Kadex and k-Kadex is impeccable, being IP65 rated, which means that it is not only dustproof, but water resistant as well.



**Touch Keypad**

The smooth surface of the k-Kadex is equipped with a unique touch keypad providing you with a touch of class.



**Flexible Integration**

Although being primarily a card reader, the i-Kadex and k-Kadex can also connect to other fingerprint and face recognition master terminals as an exit slave reader.



**Third Party Controller**

The i-Kadex and k-Kadex can be integrated with a FingerTec master terminal or it can be connected with an ingress controller or third party controller to function as a master terminal.



**Value for Money**

Mix and match the terminals with either the m-Kadex or Kadex to give you more value for your money.



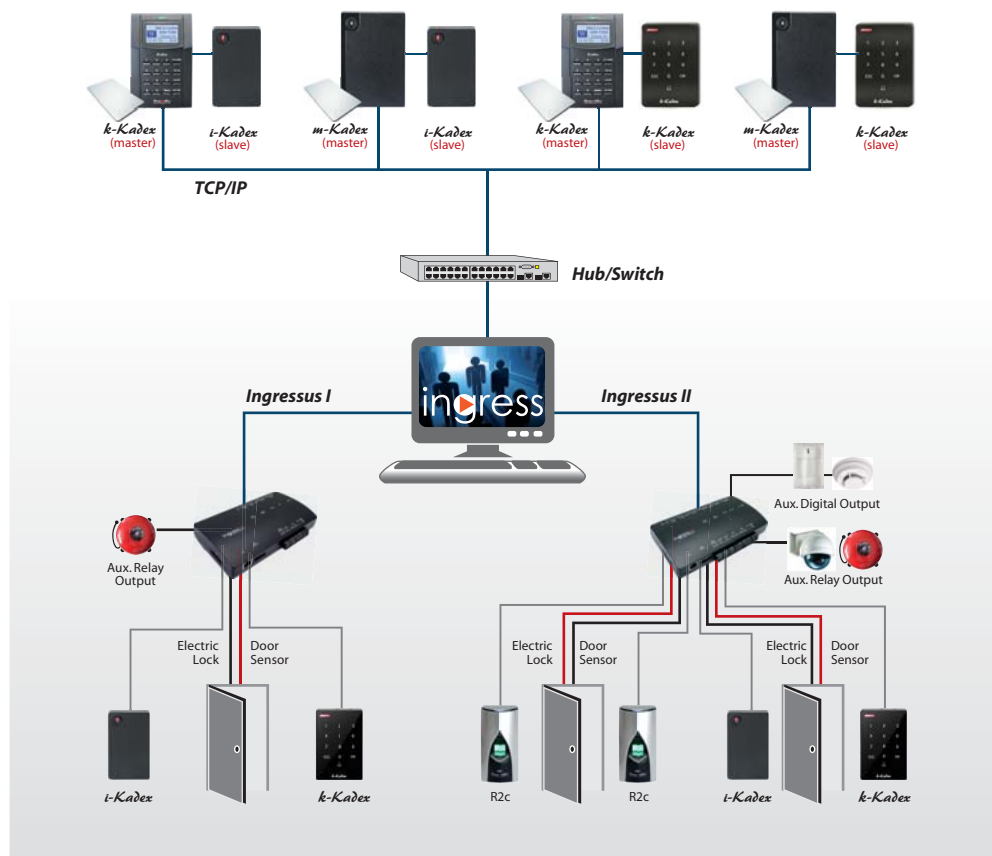


### Packaging

- 1** k-Kadex  
Dimension (mm) : 173 (L) x 60 (W) x 135(H)  
Weight : 0.32 kg
- 2** i-Kadex  
Dimension (mm) : 173 (L) x 60 (W) x 135(H)  
Weight : 0.26 kg

## LAYOUT PLAN

### System Communication *for illustration only*



## SPECIFICATIONS

|                                   |                                       |               |
|-----------------------------------|---------------------------------------|---------------|
| MODEL                             | k-Kadex                               | i-Kadex       |
| SURFACE FINISHING                 | Acrylonitrile Butadiene Styrene (ABS) | Polycarbonate |
| TYPE OF ANTENNA                   | RFID                                  |               |
| MICROPROCESSOR                    | Managed by master                     |               |
| MEMORY                            |                                       |               |
| ALGORITHM                         |                                       |               |
| PRODUCT DIMENSION (L X W X H), mm | 75 x 20 x 115                         | 55 x 15 x 100 |
| STORAGE                           |                                       |               |
| • Cards                           | Storage in master                     |               |
| • Transactions                    |                                       |               |
| ENROLLMENT & VERIFICATION         |                                       |               |
| • Methods                         | Card or password                      | Card          |
| • Card per user ID                | Managed by master                     |               |
| • Reading distance, mm            | 40 ~ 80 (RFID), 30 ~ 50 (Mifare)      |               |
| • Verification time (sec)         | Managed by master                     |               |
| CARD TECHNOLOGY                   |                                       |               |
| • RFID: 64-bit, 125kHz            | Yes                                   |               |
| • MIFARE: MFIS50/S70, 13.56MHz    | Made to order                         |               |
| COMMUNICATIONS                    |                                       |               |
| • Method                          | Wiegand 26 bit output                 |               |
| OPERATING ENVIRONMENT             |                                       |               |
| • Temperature (°C)                | -10 ~ 70                              |               |
| • Humidity (%)                    | 20 ~ 80                               |               |
| • Power input                     | DC 12V 1A                             |               |
| ACCESS CONTROL                    |                                       |               |
| • EM lock driving output          | Managed by master                     |               |
| • Alarm output                    |                                       |               |
| • Anti passback                   |                                       |               |