

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



*i-Kadex*

The i-Kadex is a slave reader in the Kadex series that works with a master terminal to create a complete IN-OUT access system with card functionality. Designed to be stylishly in sync with the Kadex series, the i-Kadex can be mixed and matched with any master terminal in the series, providing a more cost-effective option for an exit terminal. The i-Kadex is easy to install and manage, offering 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.



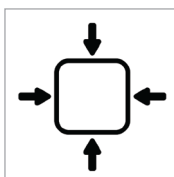
**Track Movement of Staff**  
By installing an exit slave reader instead of a push button, the management will find it easier to track the movement of staff, as verification is needed even when exiting the premises.



**Versatility Assured**  
The i-Kadex comes with a Wiegand 26-bit output, which means it can connect to most external controllers without hassles.



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



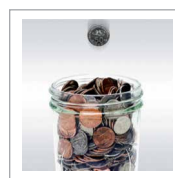
**Compact Design**  
Designed with precision, the i-Kadex boasts a sleek and compact form factor, making it the perfect fit for businesses that value space-saving technology.



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



**Third Party Controller**  
The i-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 Kadex+ or other master terminals to give you more value for your money.



## WEB LINK

**Product**  
<https://product.fingertec.com>

 Installation Guide

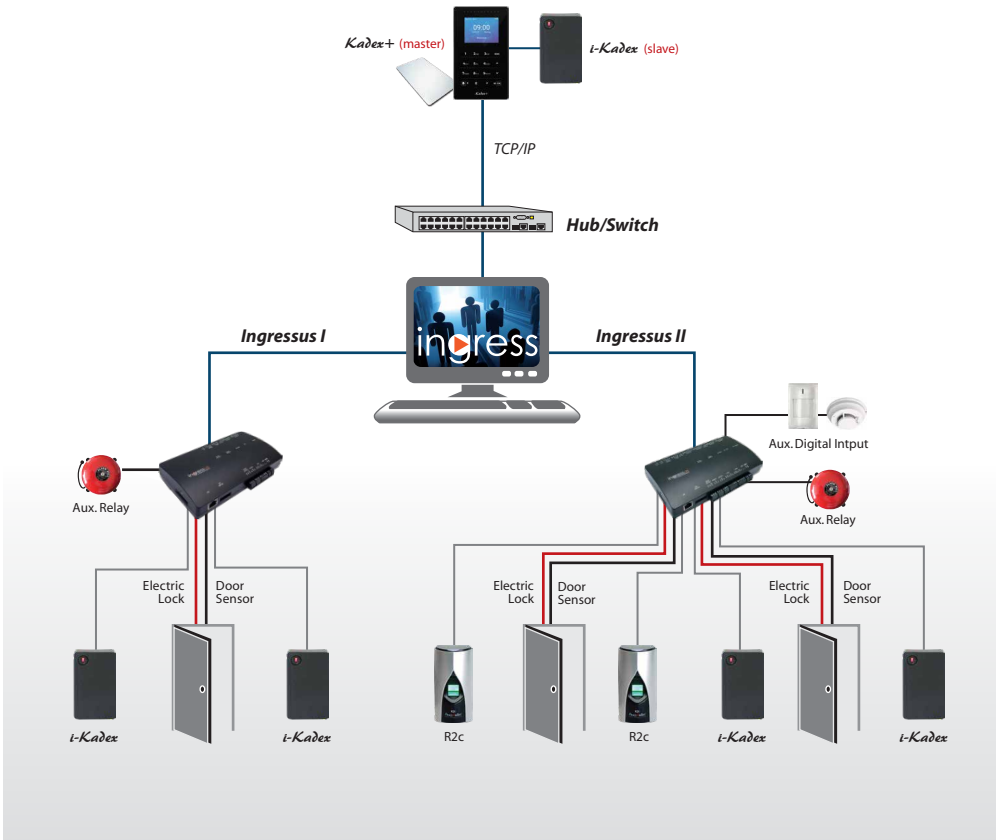
 User Guide

 Technical Tips

## LAYOUT PLAN

### System Communication

*for illustration only*



## SPECIFICATIONS

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

*NOTE: Specifications are subject to change.*



### Packaging

Dimension (mm) : 173 (L) x 60 (W) x 135(H)  
 Weight : 0.24 kg

Authorized Reseller:



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