

/ Finger pass /

# KJ-3500



Diversity of options optimize the user's satisfaction  
Built-in Camera guarantees the higher level of access control & Time Attendance  
Multi spectral imaging sensor captures clean and clear fingerprint that are contaminated, dry, wet and even no outer skin, regardless of environmental and genetic factors



## Specification

CPU	ARM 9	
Memory	1GB Flash + 256M RAM	1GB Flash + 256M RAM
Display	4.3" TFT Color LCD	2.8" TFT Color LCD
Sensor	Optical Sensor Multi Spectral Imaging Sensor(Optional)	Optical Sensor
Sensing Area	20x23mm	
Templates Capacity	5K, 10K, 30K, 50K	
Camera	YES	
Event Log	500K	500K
Photo Log	10K	10K
Waterproof	IP65	
Network	RS-485, TCP/IP	
Wi-fi	YES (Option)	
USB	SD Memory card / USB(Optional)	
Relay	2	
Door Phone	V.O.I.P(Optional)	
POE(Power of Ethernet)	YES	
RF Card	125kHz(EM / Inala, HID Prox) 13.56Mhz(Mifare/ iClass/ iClass SE/ Felica)	
Wiegand Input / Output	26/34/37/35/64 bit	
TTL Input	4Port	
Key Pad	4.3" WVGA Touch Screen	Touch Keypad
Function Keys Dimension	143 x 143 x 40 ( mm )	
RS485	Yes ( Max 4 )	
Voice Output	Yes	
Tamper Switch	Yes	
F/P Touch Sensor	Yes	
DHCP	Yes	
Power	12V / 2A	
Humidity	20 ~ 80%	
Temperature	-20 ~ 80°C	
Language	Multi Language	
FRR / FAR	0.01 / 0.00001%	

## Features



### Superb Algorithm

Matching speed meets 0.1secs for 2,000 fingerprints and 1secs for 50,000 fingerprints



### Spoof Detection : Multi Spectral Imaging Sensor (Option)

Can quickly detect a fake by characterizing the subsurface data against the known characteristics of the human skin



### One of the world's fastest fingerprint readers

2,000 fingerprints read & recognition in 0.1seconds can save up to 50,000 fingerprints and 500,000 events



### 4.3" TFT LCD / 2.8" FTF LCD (Touch Screen)

Full Touch screen and high definition LCD enhance the user's convenience



### Camera : 1.3M Pixel Camera embedded

Captures user's picture and save the picture log data (Max 20,000) higher security and double confirmation for Time & Attendance



### Multi Spectral Imaging Sensor

Capture clean and clear image perfect authentication even contaminated, dry, wet, dirty fingerprint



### 500dpi Optical Sensor

Adopt wide prism(20 x 23mm) and comfortable to scan fingerprint



### Various RF Cards

125kHz(EM/Indala/HID Prox)  
13.56Mhz(Mifare/iClass/iClass SE/Felica etc)



### Language : Multiple language

Default is Korean / English and can support multiple languages



### GUI / Touch Keypad

User friendly GUI and Touch keypad provide an easy way to access the system



### IP 65

Suitable for outdoor installation



### POE(Power over Ethernet) / Wi-fi(Optional)

Quick and Easy installation



## System Layout

- Safe, secure, and economical access control system
- Any new installations can be integrated into existing access control systems
- Securing facilities, reducing costs via time management

