

INFINISCAN™

World class biometric identification system



- Smart Camera
- Backup Battery
- MP3 & short movie playback
- 8" 65K Color TFT Screen Display

iS880 8" TFT Fingerprint T&A and Professional Access Control System



iS880 are multi-media identification terminals, which were designed and produced based on the platform of multi-media the high standard of the international technology. 8" TFT touch screen adopt SVGA (800 x 600) high resolution display; can display individual graphic interface and true colorful user's photos. Built-in Inter 32-bit processor, adopted the latest INFINISCAN high speed mixed engine fingerprint identification algorithm, fully improved identification quality and terminal's operation efficiency, there series products could meet user's individual requirement such as proximity card, fingerprint, password and camera photos which can be combined randomly to identify. Also they support attendance data real-time transfer by using stable network platform. Embedded advanced LINUX operation system (windows CE optional) can work consecutively for 24 hours with reliable and stable performance. The 26-bit Wiegand in & out is convenient to integrate with existent access control system. Fingerprint capacity can hold up to 3,000 fingerprint and 100,000 records. Memory can be distributed and extended dynamically.

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Fingerprint

Fingerprint reader, a tool to scan fingerprint for identity verification. Enrolled fingerprints are stored in the system, without presence of the genuine fingerprint, no access can be acquired.



TCP/IP Method

INFINISCAN™ iS880 series installed with TCP/IP as a communicator between reader and computer that supports real-time data transfer for easy and efficient data management.



Smart Recognition Algorithm

Manage one-to-one (1:1) and one-to-many (1:N) verifications of maximum 3,000 templates. INFINISCAN™ iS880 series allows 360° rotation fingerprint placement with less than 2 seconds for identity authentication.



Authentication

Multi-Verification methods of 15 different combinations with Fingerprint, Card with Password or ID with Password, or a combination of all to enhance security protection.



Voice

Geniality greeting voice system to instruct the user for device operation.



High Speed USB Data Transfer

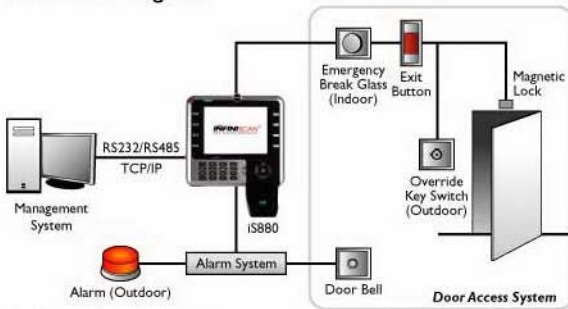
USB Host/Client for easy and sufficient data exchange between reader and reader/computer without complicated use of software and procedures. Works effectively as a standalone unit, performs excellently for data transfer in case of connection breakdown.



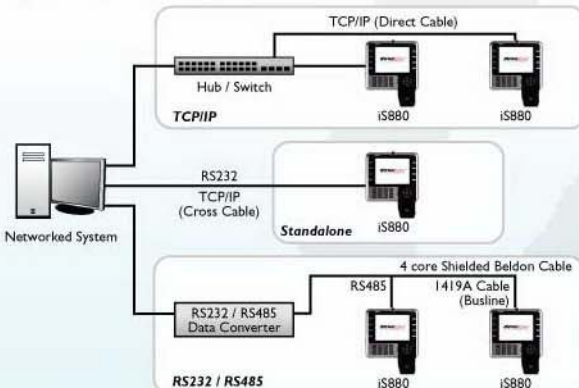
8 inch TFT

8 inch high-definition color LCD enables INFINISCAN™ iS880 series to display graphical interfaces. Photo of the enrolled user will be displayed upon successful identity verification.

Installation Diagram



System Communication



Specification	iS880
Display	8" Touch Screen TFT SVGA (Resolution 800x600)
Camera	Yes
LED indicator/Buzzer	2 LED(Red/Green) / 1 Buzzer
Display Language	English
Greeting Voice	Standard: English Upon Request: Multinational Language
Keypad & button	16 alphanumeric keys 8 programmable function keys 4 Navigation Keys
Dimension	314.5 x 256.5 x 52 mm
Sensor	
Sensor Type / Resolution	Optical (500 dpi)
Sensing Area	18mm x 22 mm
Storage Capacity	
Fingerprint Templates	3,000 / 10,000
Transaction	100,000
RF reader	
ID Card: 125 KHZ	YES
MIFARE: 13.56 MHz	Optional
HID	Optional
Communications	
RS-232/485	YES
TCP/IP	YES
USB Client	YES
USB Host	YES
Wi-Fi / GPRS	Optional
Wiegand	26 bits Input / Output
Access Control	
Alarm Output	NO & NC Alarm
EM lock driving output	YES
Antipassback	YES
Time Attendance	
Schedule Bell	Yes
Work Code	Yes
Operation Environment	
Power Consumption	DC 12V, 3A
Temperature	0 ~ 45
Humidity	20% ~ 80%
Verification	
1:1 (Time)	<0.5 sec
1:N (Time)	<2 sec
FAR	0.0001%
FRR	1%
Standards Compliance	CE, FCC

- Standard Functions :** Photo-ID, SMS, Record checking, Ring bell, Work code, 9 digits-code, T9 input, Anti-pass back, Time event transfer, Backup battery.
- Multimedia Facilities :** Short message display, Touch screen panel, Integrated camera display, MP3 music playback, Short movie playback
- More Optional Functions :** Web server, ITS, Printer, RIS, 14 digits-code

For distributors

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