

Fingerprint Authentication System for Access Control and T&A Management

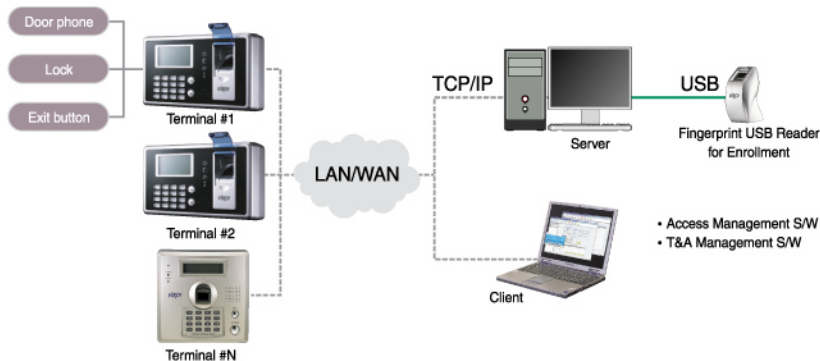
VIRDI fingerprint series features high performance capabilities for biometrics access control; fake finger detection, UV sterilization system, fast and accurate matching algorithm.

VIRDI 3000/4000

General features

- Built-in Ultraviolet Sterilization System for sensing area (VIRDI 4000UV)
- Fake Finger Detection
- Industry approved proprietary fingerprint algorithm
- 1:1 verification : < 0.5 sec / 1: N identification(2,000 templates): < 1 sec
- Adjustable security level for enrollment and authentication
- Flexible authentication options using combinations of fingerprint, PIN and card
- Communication interface capabilities for Ethernet, RS-485, Wiegand In & Out
- Max user storage capacity: 30,000 users
- Warning alarm signal for forced opening a terminal
- Compatible with audio door phone for visitor management
- Server software (included free of charge) for access control application
- Real time access monitoring and log data management
- Available SDK for expanded functionality

System Configuration / Networked operation



Specification

Items	VIRDI 3000	VIRDI 4000
CPU	32 Bit RISC CPU	32 Bit RISC CPU
Template capacity	Default (4M) : 7,000 Option (8M) : 16,000	Default (32M) : 60,000
Event log data	12,000	250,000
Template size	400 Bytes per template	400 Bytes per template
Cards supported	125 KHz Proximity card 13.56 MHz Smart card	125 KHz Proximity card 13.56 MHz Smart card
LCD display	122 x 32 Graphic Display LCD	128 x 64 Graphic Display LCD
Communications	TCP/IP, 2 RS-232C, 2 Wiegand, 1 RS-485	TCP/IP, 2 RS-232C, 1 Wiegand, 1 RS-485
Door phone interface	Yes	Yes
Lock control	2port Control Motor Lock or 1port Control EM/Strike/Deadbolt Lock	2port Control Motor Lock or 1port Control EM/Strike/Deadbolt Lock
Power consumption	Max DC 12-24V / 450mA	Max DC 12-24V / 450mA
Operating environment	-20 ~ 50° / Lower than 90% RH (Non-condensing)	-20 ~ 50° / Lower than 90% RH (Non-condensing)
Sensor type	Optical	Optical
Sensing area	13 x 15 mm	13 x 15 mm
Resolution	500 dpi	500 dpi
Verification (1:1) time	<0.5 sec	<0.5 sec
Identification (1:N) time	<1 sec	<1 sec
FRR / FAR	0.1% / 0.0001%	0.1% / 0.0001%
Available S/W	Access control, Time & Attendance	Access control, Time & Attendance
Dimension	137(W) x 137(H) x 48(D) mm	181(W) x 109(H) x 47(D) mm
UV sterilization	No	Yes (option)



VIRDI 3000



VIRDI 4000(UV)

System Configuration / Networked operation connected to controller

