VIRDI 3000

Security & Convenience

O Product Outline

Fingerprint authentication terminal for access control and T&A

O General features

- Standalone or networked operations (TCP/IP)
- Dual function for access control and T&A
- Support T&A solution through function key
- 1:1 verification and 1:N identification
- User-friendly FP server program
- Available SDK for expanded functionality
- Multiple access layers like fingerprint only, ID & fingerprint, password only,
  fingerprint & password, ID & password, RF/Smart card only,
  RF/Smart card & fingerprint and RF/Smart card & password

O Key features

- Compatible with audio interphone to check visitor
- Intelligent image capture technology for dry and damp finger
- Built in auto sensing technology to extract fingerprint without pressing any buttons
- The fastest matching speed by using high performance CPU
- Neat white backlight graphic LCD (122 x 32) built in
- Support multi languages on LCD
- Configurable security level per user for registration and authentication
- Capable of locking or releasing terminal
- Warning alarm against forced opening of terminal
- Seamless check of lock status
- Friendly operation guidance by LCD and voice

- Real time monitoring and log data management
- Compatible with VIRDI FPWORK (T&A program)
- (Optional) 125KHz RF card module or 13.56MHz smart card module

O Applications

Private corporations in various scales, factories, government or public institutions, wherever access control, T&A and meal control are needed.

O Specification

	Specification
CPU	32 Bit RISC CPU
Template Capacity	N/A
Template Size	N/A
RF reader	125 KHz Proximity (EM) Card or 13.56 MHz Smart card
LCD display	122 × 32 Graphic Display LCD
Keypad & button	16 key numeric & Function keypad plus additional buttons (Enter and Call)
LED indicator/Buzzer	2 LED / 1 Buzzer
Camera	N/A
Communications	10 Base-T (TCP/IP) for FPSVR (Union's sever program), 1 RS-232C and Wiegand (1 RS-485 : optional)
Additional Ports	1 interphone and 1 relay in/1 relay out for lock
Power Consumption	Max DC 12V / 450mA
Operation Environment	-20 ~ 50℃ / Lower than 90% RH (Non-condensing)
Dimension	137mm(W)×137mm(H)×48mm(D)
Standards Compliance	MIC, CE, FCC
Sensor Type	Optical
Sensing Area	13.3 × 15.7 mm
Resolution	500 dpi
Verification (1:1) Time	<0.5 sec
Identification (1:N) Time	<1 sec
FRR / FAR	0.1% / 0.001%
Weight	448 g

Fingerprint
Identification System

SECURE TECH