















## Affordable Fingerprint Recognition Access Controller

Upgraded new-generation technology, convenience, and design with LCD, LED, and adjacent sensor technology

# VIRDI 4000 VIRDI 4000R VIRDI 4000SC

Function	
 <b>Fingerprint</b>	It is convenient to use as it does not require users to carry special tools for verification. It is a high-tech fingerprint recognition system that uses fingerprints that have no risk of replication or unauthorized use.
 <b>RF Card (Option)</b>	Can be attached onto fingerprint recognition terminal for double or triple security or to use with unclear fingerprints.
 <b>TCP/IP Method</b>	TCP/IP network method that allows endless expansion between terminals and servers or terminals and terminals. Easy to install and operate.
 <b>Intelligent Capture</b>	Union Community's fingerprint recognition algorithm authenticates dry or wet fingerprints fast and accurately for various users.
<b>32BIT</b> <b>High Performance CPU</b>	VIRDI Series is equipped with high-capacity 32bit CPU for faster and more accurate verification.
<b>8MByte</b> <b>Memory</b>	With the minimum of 4MByte (approx. 3,600 users) and maximum of 8MByte (approx. 8,300 users), many users can be registered.
 <b>Auto Sensing</b>	Automatically recognizes fingerprints when fingerprints are presented.
 <b>Multiplayer</b>	Can be applied to government offices, companies, and financial institutions to build access control, Time and Attendance management, and Cafe management systems.
 <b>Adjacent Sensor</b>	Recognizes user approach and automatically turns on LCD and keypad lights. Able to read device at night and saves unnecessary energy waste.
 <b>Authentication</b>	Supports complex authentication using fingerprints, RF Card, and/or ID/Password for greater safety.
 <b>Self-Diagnosis</b>	When device is damaged or opened by forceful impact, the terminal senses that the door is kept open and alarms to maintain safety.
 <b>Operation Method Setup</b>	Device setup can be adjusted for access control, Time and Attendance management, and Cafe management without additional equipments.
 <b>Voice</b>	Device operation and status is announced by automated voice system for first-time users to easily operate the device.
<b>ABC</b> <b>Multiple Languages</b>	Supports Korean, English, Japanese, Chinese, and Spanish and can be used in any part of the world.
 <b>Back Light LCD</b>	Using LCD with Back Light feature, it can be operated easily and accurately.



■ For detail inquiries, please contact :

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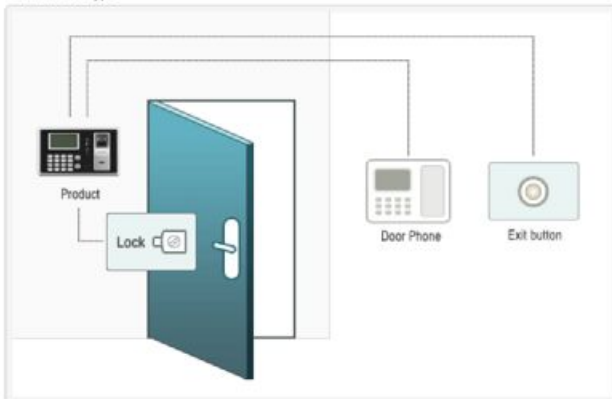


## Specifications

Specification	VIRDI 4000	VIRDI 4000RF	VIRDI 4000SC
CPU	32 Bit RISC CPU		
Template Capacity	Default (4M): 3,680 / Option (8M): 8,320	Default (4M): 6,880	
Template Size	400 Bytes per template		
RF reader	N/A	125 KHz Proximity (EM) Card	N/A
LCD display	128 × 64 Graphic Display LCD		
Keypad & button	16 key numeric & Function keypad plus additional buttons (Enter and Call)	16 key numeric & Function keypad	
LED indicator/Buzzer	3 LED / 1 Buzzer		
Camera	N/A		
Communications	10 Base-T (TCP/IP) for FPSVR (server program), 2 RS-232C and Wiegand (1 RS-485 : optional)	10 Base-T (TCP/IP) for FPSVR (server program),	
Additional Ports			
Power Consumption	Max DC 12V / 450mA		
Operation Environment	-20 ~ 50°C / Lower than 90% RH (Non-condensing)		
Standards Compliance			
Sensor Type	Optical		
Sensing Area	13 × 15 mm		
Resolution	500 dpi		
Verification (1:1) Time	<0.5 sec		
Identification (1:N) Time	<1 sec		
FRR / FAR	0.001%/0.1%		
Dimension	181mm(W)×109mm(H)×43mm(D)		
Weight	442.7g		

## System Configuration

### Standalone Type



### Network Type

