




**ADC-VIRDI 4000RF**

Fingerprint + RF (125KMz Proximity Card), 32 Bit CPU, 4MB (3600 users) up to 8MB (8300 users), 3xLED, 1xbuzzer, 16 key keypad & additional button, Time attendance and cafe management, voice system, backlight 128x64 LCD, TCP/IP for FPSVR (server program), 2xRS232, Wiegand, DC 12V 450mA, 500 dpi, <0.5sec

**Features**

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**Fingerprint**

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.
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**RF Card (Option)**

Can be attached onto fingerprint recognition terminal for double or triple security or to use with unclear fingerprints.
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**TCP/IP Method**

TCP/IP network method that allows endless expansion between terminals and servers or terminals and terminals. Easy to install and operate.
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**Intelligent Capture**

Union Community's fingerprint recognition algorithm authenticates dry or wet fingerprints fast and accurately for various users.
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**High Performance CPU**


VIRDI Series is equipped with high-capacity 32bit CPU for faster and more accurate verification.
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**Memory**

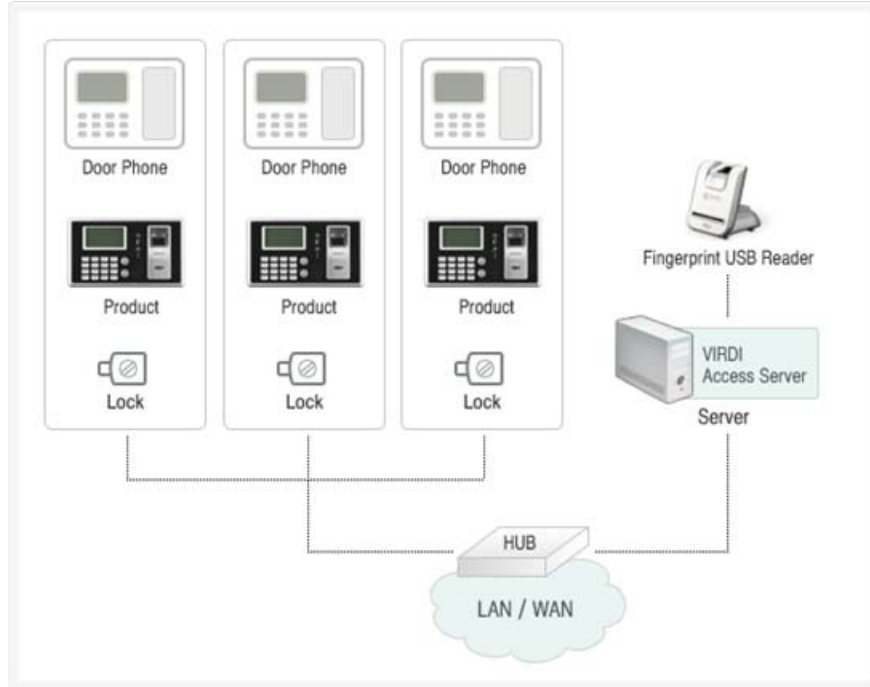
With the minimum of 4MByte (approx. 3,600 users) and maximum of 8MByte (approx. 8,300 users), many users can be registered.
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**Auto Sensing**

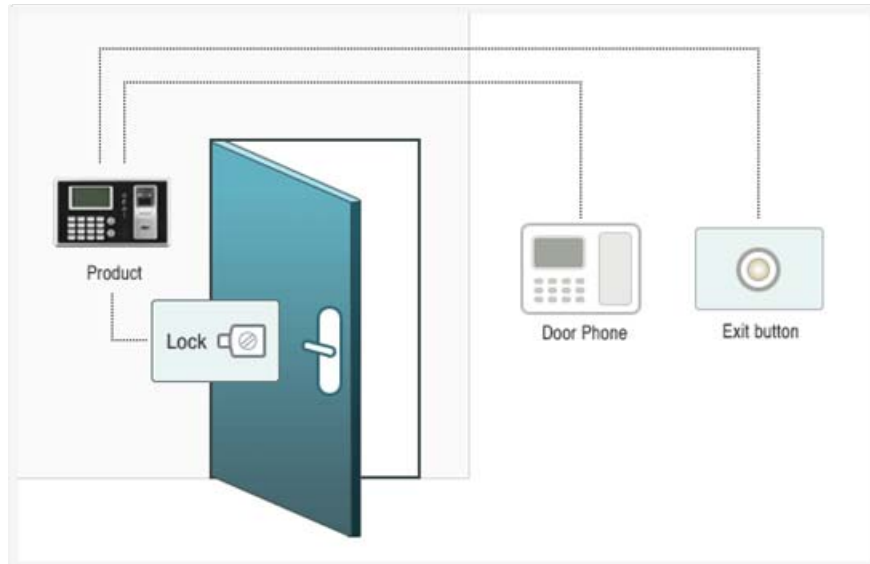
Automatically recognizes fingerprints when fingerprints are presented.

	<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>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>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.

▪ Network Type



▪ Standalone Type



## Specifications

Model number	VIRDI 4000RF
CPU	32 Bit RISC CPU
Template Capacity	Default (4MB): 6,880
Template Size	400 Bytes per template
RF reader	125 KHz Proximity (EM) Card
LCD Display	128 x 64 graphic display LCD
Keypad & Button	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)
Power Consumption	Max DC 12V / 450mA
Operation Environment	-20°C ~ 50°C / Lower than 90% RH (Non-condensing)
Sensor type	Optical
Sensing Area	13 x 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) x 109mm (H) x 43mm (D)
Weight	442.7g