

## NITGEN® Access Controller NAC-3000™

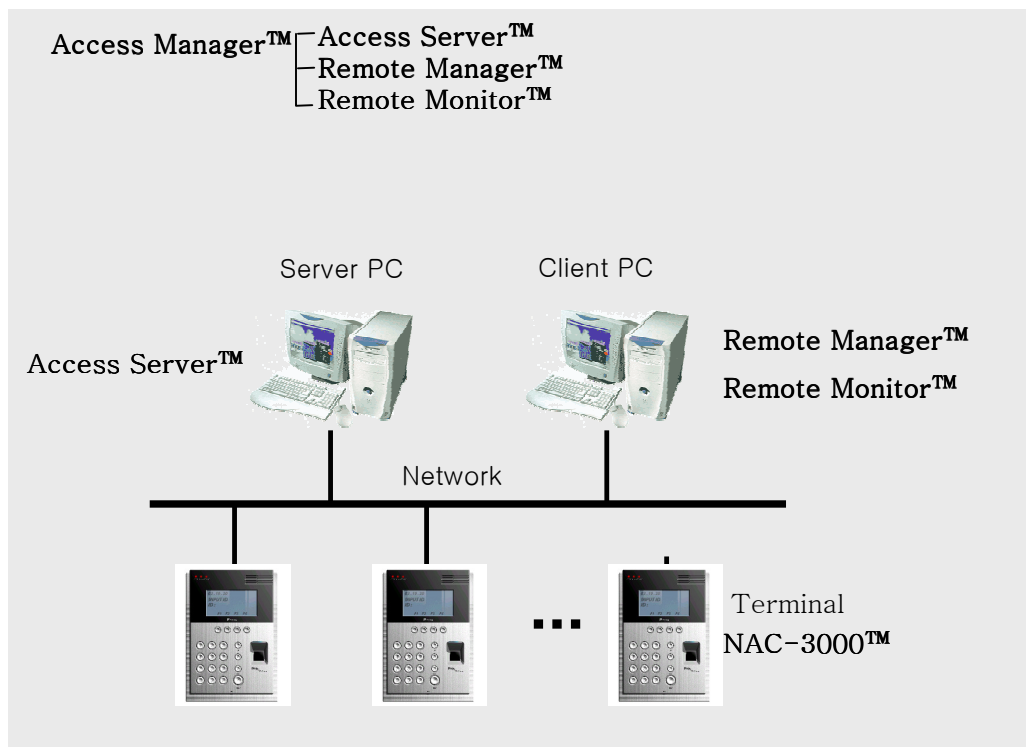
NAC-3000™ is an advanced product in which core technologies of NITGEN® recognized worldwide such as fingerprint recognition algorithm, optical sensors, embedded design technology, and software application technology are organically combined and optimized. In addition, unlike other existing access control systems that use passwords or ID cards only, it is free from such risks as loss of password and abuse or duplication of card, providing excellent convenience and security. It is designed to maximize operational efficiency, enabling integrated monitoring and systematic management of terminals which have been operated independently on a remote location via the network.



### ■ Features

- Manage access of a large number of people.
- Easy remote control of terminals
- Combine several authentication types (fingerprint, password, and RF card).
- Real-time monitoring of access status
- High speed 1:N authentication is available
- Access control by period and time
- Enhanced user convenience (short ID /group ID authentication and Auto-on).
- Provide various additional features including user access lookup and interphone
- Control multiple access control terminals via the network

■ Management Software ( Access Manager™ )



Software	System requirements	Main Features
Access Sever™	<ol style="list-style-type: none"> <li>1. Windows 2000/XP/98SE/ME</li> <li>2. Pentium III 500 or faster</li> <li>3. 128 MB RAM or more</li> <li>4. 5GB HDD space</li> <li>5. DB : MDB</li> </ol>	<ol style="list-style-type: none"> <li>1. Terminal communication and log data collection</li> <li>2. User information and log database</li> <li>3. Performing authentication</li> </ol>
Remote Manager™ / Remote Monitor™	<ol style="list-style-type: none"> <li>1. Windows 2000/XP/98SE/ME</li> <li>2. Pentium II or faster</li> <li>3. 64 MB RAM or more</li> <li>4. 1GB HDD space</li> </ol>	<ol style="list-style-type: none"> <li>1. User registration and management</li> <li>2. Terminal registration and management</li> <li>3. Group Management</li> <li>4. Monitoring terminal status and events</li> <li>5. Monitoring system events</li> <li>6. Downloading Logo/Firmware</li> <li>7. System setting</li> </ol>

## ■ Terminal Specifications

Section		Content
LCD Display	Size	128 * 64 Dots LCD
	Language	English, Korean
Fingerprint Sensor	Type	Optical
	Resolution	500 DPI
	Additional	Auto on / Latent Image check
Authentication	Type	Fingerprint, Password and RF card (optional)
	Speed ( FP )	1:1 mode: T < 1 sec. 1:N mode: Avg. 2.5sec( 1,000FP , Server ) Avg. 2sec ( 500FP, Terminal ) Avg. 1sec ( 300FP, Terminal ) * PentiumIV 1.GHz, 512MB RAM
	Algorithm	FRR: 0.1 % or less, FAR: 0.001 % or less
	Number of users to register	Server 5,000 users (2 fingerprints per 1 user) 10,000 users (1 fingerprint per 1 user) Terminal 2,000 users (2 fingerprints per 1 user) 4,000 users (1 fingerprint per 1 user)
Communication	TCP/IP	10 base-T Ethernet
	RS-232C	Max 115200 bps (optional)
	Wiegand	26 bit, 34 bit mode (output only) * ID length : 4digit
Server Connection	Terminal	Connection allowed up to 255 terminals
	Client	Simultaneous access up to 8 clients

Section		Content
Size	Case	135 (W)*45 (L)*202.5 (H) mm
	Bracket	102.4 (W)*26.6 (L)*157.5 (H) mm
Supported doors	Deadbolt / Strike / EM Lock / Auto door	
Power	Adaptor	Input: AC 100 V ~ 240 V, 50/60 Hz Output: DC 12 V, 3 A
Additional features	Interphone	MIC and Speaker included
	Voice instruction (English / Korean)	
	Alarm Buzzer	
	Downloading Logo / Firmware	
	Variable ID length ( 4 ~ 15 Digit)	
Option	UPS (2.9Ah)	
	RF Module (HID)	
Temperature	Operating	-20℃ ~ 60℃ ( With no icing or condensation)
	Storage	-25℃ ~ 65℃
Humidity	Operating	25% ~ 85% RH
	Storage	15% ~ 90% RH

## ■ To Contact a Sales Representative

Call : +82-2-3415-1800

Fax : +82-2-3415-1601

E-mail: [info@nitgen.com](mailto:info@nitgen.com)

NITGEN Co., Ltd

Sanhak Foundation B/D, 5F, 1337-31

Seocho-dong, Seocho-gu, Seoul 137-860

Republic of Korea