More than Fingerprint

NAC-5000

▌ NAC-5000

NAC-5000 is a cutting edge fingerprint access controller, which comes with NITGEN's superior own algorithm, large LCD & touch screen. It is very convenient and innovative design, it's a market leader in access control with high value.
NITGEN's fingerprint algorithm enables to high speed authentication,
NAC-5000 is designed for large scale of security system using TCP/IP & wireless LAN.
You may apply to access control and time & attendance management for enterprise level.

▥ NITGEN
biometric solutions
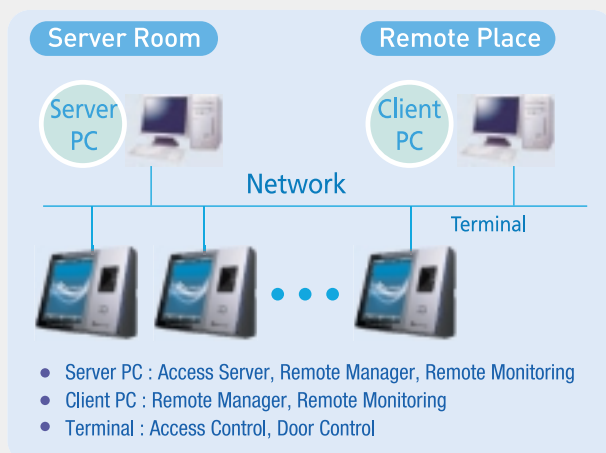
NAC-5000

Features

- 5.7 inch in true color LCD
  Large LCD enable for video file & animation,
  also for important notice.

- High speed 1:N algorithm
  Less than 2 seconds for 10,000 templates,
  maximum 100,000 templates can be stored.

- Auto-on & LFD
  Placing a finger on scanner begins authenticate process
  and verifies fake fingers.

- Large Scale System
  Max 2,000 terminals can be connected in one network.

- Wireless LAN (Optional)
  Easy to install in anywhere

- USB memory slot
  Log data downloadable using USB

- User Friendly Interface
  Fingerprint quality shows as authenticate process starts

- Built-in Camera (Optional)
  Takes pictures every time log event occurs

Specification

Item	Specification	
Sensor	Type	Optical
	Resolution	500 DPI
CPU	32bit / 620 MHz	
Memory	256MB Flash + 256MB DRAM	
Display	5.7 inch true color LCD with Touch screen	
Template Capacity	Max. 100,000 templates	
Log Capacity	Max. 500,000 events	
Authentication Method	1:1, 1:N, Group/Reduced ID matching	
Authentication Media	Fingerprint, Password, RF Card(HID, Mifare)	
1:1 Verification Time	Less than 0.4 sec.	
1:N Identification Time	Less than 1 sec. (2,000 templates)	
	Less than 2 sec.(10,000 templates)	
Performance	FRR : 1/1,000 FAR : 1/100,000	
Communication	TCP/IP(100mbps), RS485, Wifi(Optional),	
	Wiegand in-out	
Operation Temperature	-20 ~ 60 ℃	
Size	167(W) X 146(H) X 52(D) mm	
Optional	USB Memory, Built-in Camera	

AccessManager™

Access manager 3.0 consists of access server, remote manager & remote monitor, it is an ideal solution for user administration
& monitoring. Maximum 2,000 terminals can be connected in one network, internal DB enables to server authentication.
Also, remote management supports registration & monitoring from anyplace other than server system.

Server Room — **Remote Place**

Server PC — Client PC

Network

Terminal

- Server PC : Access Server, Remote Manager, Remote Monitoring
- Client PC : Remote Manager, Remote Monitoring
- Terminal : Access Control, Door Control

Item	Specification
Components	Access Server / Remote Manager / Remote Monitoring
# of accessible terminals # of remote clients	Max. 2,000 terminals 8 clients
Supportable OS	above Windows 2000/Vista(Available soon)
# of users registered	Max. 100,000 users

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