

fingerX.com

Security System Solution



**FVC
1st**

Fingerprint Verification
Competition

NAC-5000



NITGEN & COMPANY

Specification

CPU	32 bit / 620MHz (Marvell)	
Memory	256MB DRAM / 256MB Flash	
Display	5.7" True Color/Touch Screen	
Sensor	Optical / 500 DPI	
Authentication Type	Fingerprint, Password, RF card, Face (Optional)	
Time	1:1	< 0.5 sec.
	1:N	< 1 sec. (4,000 templates)
Template Capacity	Normal	fingerprint 100,000 templates (2 templates / 1 finger, 50,000 User)
	Face	Face: fingerprint 40,000 templates, face 3,000 User (2 templates / 1 finger, 20,000 User)
Log Capacity	100,000 logs	
Communication	TCP/IP, RS485(TBD), USB, Wireless LAN(Optional), Wiegand In/Out (26/34bit)	
Lock	Deadbolt, EM Lock, Door Strike, Automatic Door	
Environment	-20~60°C / < RH 90%	
Certificate	KC, CE, FCC	
Dimensions	167(W) x 146(H) x 52(D) mm	
Remarks	Live fingerprint detection, USB memory slot, built-in camera	

Features

- **5.7" True Color LCD**
 - Touchscreen LCD to aid in user positioning
 - User friendly GUI
 - Gorgeous UI (Logo, graphics, messages)
- **Superior Matching Engine**
 - 1st in FVC(Fingerprint Verification Competition)
 - Live Fingerprint Detection
 - Auto-on Function
- **Built-in Camera**
 - High quality, high resolution camera for "Live Image Capture"
 - Send Captured camera image to server
- **USB Memory slot**
 - Easy data transfer using USB memory stick
- **Multifactor Authentication**
 - Fingerprint, RF card, Password, Face(Optional)
 - Any authentication methods can be used concurrently
- **Audio Acknowledgement**
- **Optional WIFI Connection**

Product Family

Model	Description
NAC - 5000S	Standard (fingerprint, password)
NAC - 5000M	Standard, High frequency card(13.56MHz) -Mifare, iCLASS
NAC - 5000R	Standard, Low frequency card (125KHz)-HID, EM

Model	Description
NAC - 5000S Face	Standard, Face
NAC - 5000M Face	Standard, Face, High frequency card (13.56MHz) -Mifare, iCLASS
NAC - 5000R Face	Standard, Face, Low frequency card(125KHz) -HID, EM

System configuration



S/W Package

>> AccessManager Pro.

Item	Contents
Component	AccessServer / AccessManager / DBMS
Max. Accessing Terminal	2,000 EA
Max. Remote Client	16
OS	Windows 2000 or higher
Max. User	100,000 User (in the Server)
DBMS	MS SQL 2000 or higher, MS SQL Express 2005 or higher