

NAC-2500

Fingerprint Access Controller



■ NAC-2500

Designed and produced using the sensor and algorithm that only NITGEN's outstanding fingerprint recognition technology has made possible, this fingerprint recognition Access control system is capable of speedy authentication using fingerprint data. With this product have we made it possible for you to build a more improved and efficient security system for a lower installation cost. In addition, this product offers you enterprise level entry management and employees' work hour management with its TCP/IP communication-based network structure, and enhanced server management program.

Product classification

Product Name	Model	Model name	Contents
NAC-2500	Std.	NAC-2500	Standard type
		NAC-2500M	MIFARE card type
		NAC-2500R	HID card type
	SOC	NAC-2500MS	MIFARE SOC card type
	Card reader	NAC-2500MC	MIFARE Card reader
		NAC-2500RC	HID Card reader

S / R / M Type

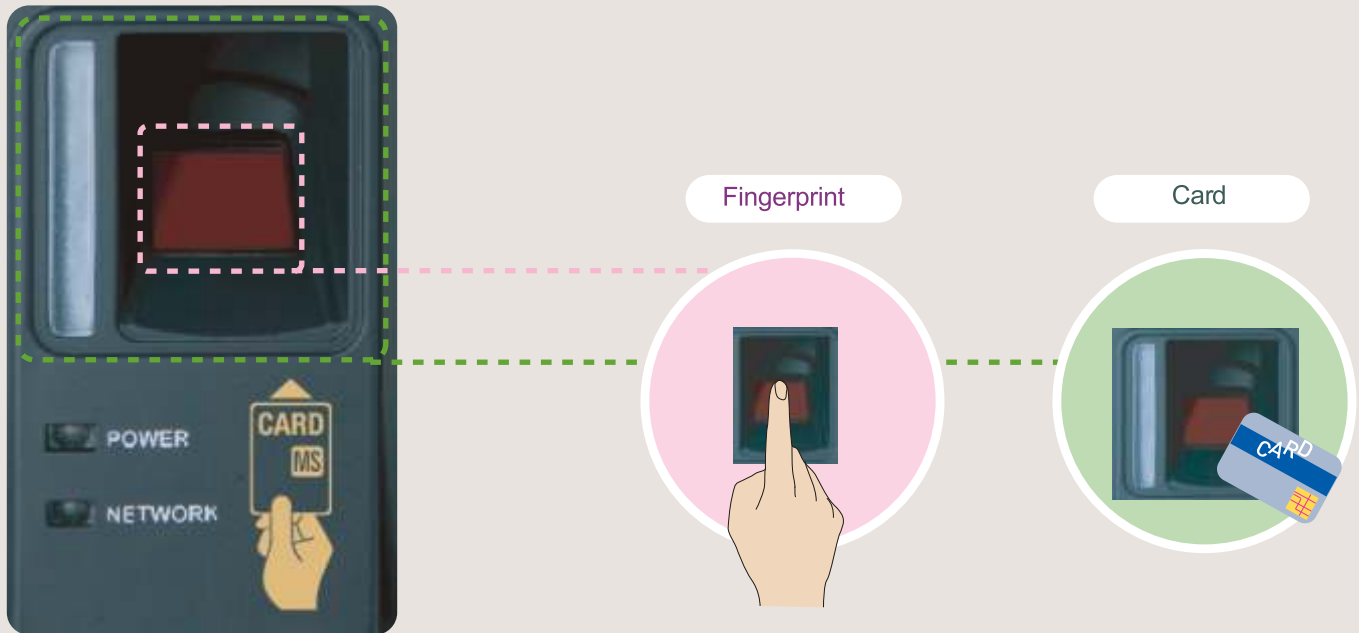
Special Features of the Product

- Capable of supporting various communication protocols, it can be used in numerous application areas.
 - TCP/IP : compatible with access manager(OPTION)
 - RS-485: Functions with your company's custom controller
 - Wiegand
 - In : Functions with card readers currently in use
 - Out : Provides various portions of formats, User ID or Card ID output
- Suitable for employees' work hour management with the function keys provided
 - Provides four separate keys/ keys can be used in combination (starting work and finishing work, going out, returning to work, etc)
- Enhanced user configuration feature(ID digits, sensor option, operation mode, etc)
- Enhanced User Convenience
 - Auto-on
 - Provides Shortcut ID / Group Matching Feature(M / R Type)
 - LCD : 2 line graphic LCD (supports various languages)
 - LED : Status LED 2 each, Authentication result LED 1 each
 - Voice Guide : Voice Output
- Supports various authentication media, making it possible to configure as required by different security methods.
 - Fingerprint/Password/RF card (option: HID, MIFARE), combined use is possible

Specifications

Section		M	T	M	T
Material		ABS/PC			
Size		90 (W) X 205 (L) X 50 (H)			
Sensor Type	Type	Optical		X	
	Resolution	500 [DPI]		X	
Authentication	Mode	1:1, 1:N, Short ID matching	1:1 matching		
	Fact	Fingerprint, Password, RF card (HID, MIFARE)	Fingerprint, Password, MIFARE SOC	Password, RF card (HID, MIFARE)	
	Time	Less than 1 second			
Operation	SO	Stand-alone	X	X	
	NL	Server matching			
Environment	Temperature	-20 ~ 60 [°C]			
	Power	12 / 24 [V]			
Maximum number of registrations		2,000 Users (1 fingerprint per 1 user)	20,000 Users	10,000 Users	
Log		3,000 ea			
Authentication Rate		FRR : 1/1,000 FAR : 1/100,000		X	
Function Key		F1 / F2 / F3 / F4			
Communication		TCP/IP, Wiegand Input / Output, RS-485			
Certification		MIC, CE, FCC			

Input Method



System Structure



1. Terminal

- Performing user authentication
- Door Control

2. Client's PC

- Remote Manager
- Remote Monitor

3. Server PC

- Terminal communication
- DB Management
- Remote Manager
- Remote Monitor
- Log data collection

4. Others

- Encoded Fingerprint data / Communication
- Access restriction available per time and period
- Auto On / LFD

System (AccessManager™)

With the Access Server, Remote Manager, and Remote Monitor, this product created a program that is capable of user management and monitoring. You can connect up to 255 terminals in a network, and verification is possible at the server, by using its own DB. In addition, it comes with remote control features, so that you can register and monitor users even in places other than the room where the server is installed.

Product name	Item	AccessManager™ (Server management program)					
Components		Access Server / Remotemanager / Remote monitor					
Max Terminals		255 units / network					
No. of Remote Clients		8 units					
OS		Windows 98SE / 2000/ ME / XP / 2003 Server					
Max User in DB	DB	MS SQL			MDB		
	Model	M / R	MC / RC	MS	M / R	MC / RC	MS
	Server	10,000 user	10,000 users	30,000 users	10,000 users	10,000 users	10,000 users
	Terminal	2,000 users	10,000 users	20,000 users	2,000 users	10,000 users	2,000 users

- Corporations**
 This is a multi-function system, capable of entry control, work hour management, and meal service management.
- Academies/Schools**
 This can be used for school administrative tasks, including entry control and student attendance records.
- Financial Institutions/Research Centers Access Control**
- Apartment and Multi-Family Houses**
 This product can be installed in the common lobby as a security system. It can also give you an entry record log.
- Hotel and Leisure Facilities**
 You can use this product for customer management, in order to offer speedy and distinguished premium service to your customers.