

NAC 2500 Plus – Fingerprint Access Controller



NAC 2500 plus

Fingerprint access control you have ever dreamed had been developed by NITGEN and NAC-2500 had come to us with powerful functions. Now, its higher version NAC-2500 PLUS has come back with higher specification, better performance and faster authentication speed. NAC-2500 PLUS offers Entry management, employees' Time & Attendance in a very simple and efficient way, it shows cost effective user management system you can count on.

Access Control Specifications

Item	Specifications	
CPU	32-bit / 400MHz	
Memory	8MB Flash	
Display	128x32 Graphic LCD (Black&White)	
Size	90(W)*205(L)*50(H)	
Authentication Mode	Fingerprint, Password, RF Card(HID/Mifare)	
1:1 Verification Time	Less than 1 sec.	
1:N Identification Time	Less than 2sec.(2,000 users)	
Sensor	Type	Optical
	Resolution	500[DPI]
Operation Mode	SO	Stand-alone
	NS	Server matching
Environment	Temperature	-20-60 [Degree Celsius]
	Power	12 / 24 [V]
Maximum number of registrations	2,500 users	
Log	67,500 logs	
Authentication Method	1:1, 1:N, Group/Reduced ID Matching	
Output Relay	Deadbolt, EM Lock, Door Strike, Automatic Door	
Communication	TCP/IP, Wiegand Input/Output, RS-485	
Certification	MIC, CE, FCC	

Features

- **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 existing 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
 - LCD : 2 line graphic LCD (supports various languages)
 - LED : Status LED each, Authentication result LED 1 each
 - Voice Guide : Voice Output

Recommended Application

- **Corporations**
This is a multi-function system, capable of entry control, work hour management, and drinking water management.
- **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.
- **Academies/Schools**
This can be used for school administrative tasks, including entry control and student attendance records.
- **Hotel and Leisure Facilities**
You can use this product for customer management, in order to offer speedy and distinguished premium service to your customers.
- **Financial Institutions / Research Centers Access Control**

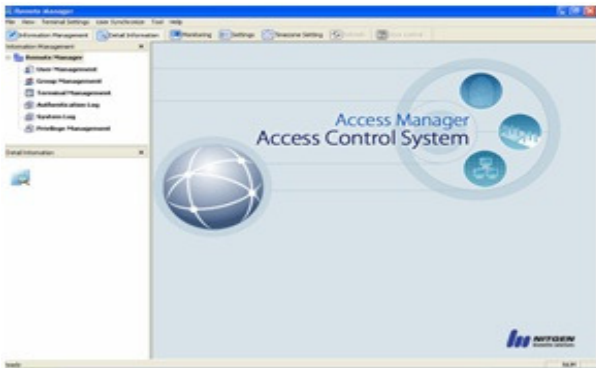
➤ **Supports various authentication mode, making it possible to configure as required by different security method**

- Fingerprint / Password / card, any and/or possible combination is available for each user

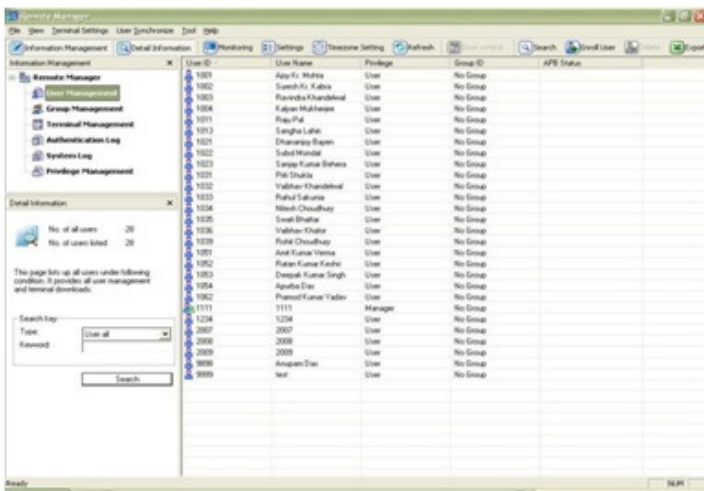
AccessManager™ (Server Management Program)

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.

System Structure



User Management Window



Specifications

- **Terminal** : Terminal Access Control, Door control
- **Server PC** : Executes individual terminal communication, DB management, Remote Manager, Remote Monitor
- **Client PC** : Executes Remote Manager, Remote Monitor Operation
- **Others** : Fingerprint data / Encoded communication. Access restriction available per time and period, Auto-On

Types of Options

No	Option	Category	Specs
1	Network Module	Network Module	Supports TCP/IP
2	Support RF card	High frequency card reader	Supports Mifare
		Low frequency card reader	Proximity, HID
3	Door Control	Door control	

Product Name	Access Manager	
Components	Access Server / Remote Manager / Remote monitor	
# of accessible terminals	ACM Pro.	Max. 2,000 terminals
	ACM v2.57x	Max. 255 terminals
# of accessible remote client PCs	8 units	
OS	Above windows 2000	
# of users enrolled	ACM Pro.	100,000 users (SQL Expres)
	ACM v2.57x	10,000 users (MDB/SQL)