

Access Controller equipped with a fingerprint recognition module

NAC-2500

The NAC-2500 access controller provides speedy and efficient authentication by incorporating the latest fingerprint recognition technology including optical sensor, and operating algorithms designed and developed by Nitgen, which provides customers with the opportunity to improve and upgrade existing systems, at reduced installation costs.

As an optional extra, the NAC-2500 is capable of utilizing our enterprise level entry/exit management system, whereby Administrators can assign controls to designate Managers, and so on. Employee work-time data can then be recorded utilizing the Time&Attendance management features with its built-in LAN communication based network structure and enhanced server management program.

Access Controller specifications:

Sensor: optical

Resolution: 500 dpi

Mode: 1:1, 1:N

Authentication mode: password, RFID card
(HID and Mifare compatible)

Time: less than one second

Memory: 1,000 users (2 fingerprints per 1 user)
or 2,000 users (1 fingerprint per 1 user)

Events: 3,000

Authentication rate: FRR:1/1,000; FAR: 1/100,000

Communication: TCP / IP, Wiegand Input / Output, RS-485



Special features of the NAC-2500:

Capable of supporting various communication protocols: TCP / IP or RS-485

Suitable for employees' work hour management with the function keys provided

Enhanced user convenience: auto-on

Supports various authentication mode, making it possible to configure as required by different security methods: RF card (HID or Mifare), relay card.

AccessManager™

The NAC-2500 operating program provides managers convenient, easy-to-use tools for the management and monitoring of all functions of this truly sophisticated security device. Up to 255 access controllers (terminals) can be installed and connected in a single network. User operations and verification can be via server for networked (multiple access controller) systems (NS), or directly at the access controller for single, stand-alone installations (SO).

In addition, the remote manager feature allows authorized managers at locations other than the main server location to register and track (monitor) users. The remote managers can also track users as they pass from location (controller) to location in real-time providing immediate, up to date whereabouts of users.

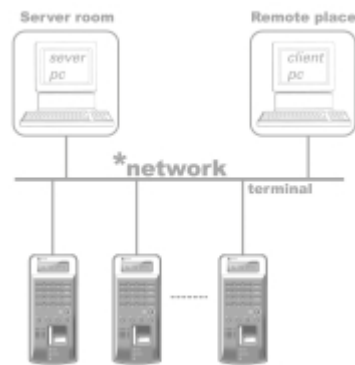
System structure:

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



Recommended applications:

Corporations: this is a multi-function system, capable of entry control, work hour 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 customer

Financial Institutions / Research Centers Access Control