

# Access Control and Time&Attendance Control Terminal NAC-2500 Plus Biometric Fingerprint Terminal



- > Up to 2.500 users and 67.500 registers
- > Different working modes: Offline and Standalone
- > Fast identification: 1:1 in less than 1'' and 1:N in less than 2'' (2.000 users)
- > Biometric identification combinable with Proximity, Mifare or numeric password
- > Auto-on functionality and live finger detection
- > High definition optical sensor (500dpi) and extremely hard (7 Moh)
- > High reliability and 2 years of warranty



# Access Control and Time&Attendance Control Terminal NAC-2500 Plus

## Biometric Fingerprint Terminal

### Description

Access Control and Time&Attendance Control Terminal NAC-2500 offers high features, is reliable, robust and with a smart design.

It has an intuitive and ergonomic working, with spanish voice messages which guides user during the operation.

Easy to adapt to any environment or specific need, by combining different sort of Technologies: biometrics, proximity, Mifare or numeric password.

Includes Access Manager software.

### Features

- > Graphic screen LCD (B&N) 128x32
- > Fast identification 1:1 in less than 1 second and 1:N in less than 2 seconds for 2.000 users.
- > 2.500 users' storage.
- > Automatic activation: by placing the finger on the sensor the authentication process it's activated and also live finger detection working.
- > Authentication mode: Biometric, Proximity, Mifare or Password.
- > Authentication method: 1:1, 1:N or 1:N reduced
- > Configurable in offline or standalone mode.
  - o **Offline Mode:** decision autonomy, registering and registering and deletion management by software. It allows remote control and real time monitoring of the terminal and accesses.
  - o **Standalone Mode:** completely controlled through the display, no need of software or PC.
- > Integration capacity in a switchboard network for Access Control through Wiegand connectivity.
- > Compatible with biometric desktop reader Hamster and Hamster II, recommended capturing fingerprint easily and comfortably, overall if terminals are installed far from registering point.

### Software Access Manager features:

- Completely solution for Access Control and users and terminals remote management.
- Access data exportation so it's possible to link it with other software like Time&Attendance Control ones.
- Biometric desktop reader for users' registering and deletion.

### Common Applications

- > **Access Control to offices or companies:** Allow controlling the access to the building or the offices, so only authorized staff can do it. Cards or codes are sensitive to be lost or stolen, so there's a high risk of identities supplanting.
- > **Time&Attendance Control, attendance Control and time control in offices or companies:** staff timetable control to avoid supplanting identities and other ways of fraud. Overtime control and management, etc.
- > **Apartment building:** With biometric access control to apartments you can get a comfortable and safety access with no need of keys.
- > **Time&Attendance control in schools, high schools or universities:** Effective management with no fraud possibility in attendance to education centres.
- > **Spare time and Hotels:** For hosts security is important to assure only authorized staff can accede to the centre.

In Time&Attendance Mode we can use the terminal as an Clock in Control for staff. Access events are sent in real time or downloaded through the server, and transferred to management software by LAN, TCP/IP communication.

### Technical specifications

|                         |  |
|-------------------------|--|
| Optical sensor          | 500 DPI                                  |
| Connection              | TCP/IP or RS-232<br>Wiegand (26/34 bits) |
| Memory                  | 8 MB Flash                               |
| CPU                     | 32 bit / 400 MHz                         |
| 1:1 Verification Time   | Less than 1 sec.                         |
| 1:N Identification Time | Less than 2 sec. (2.000 users)           |
| Users Capacity          | 2.500 users                              |
| Log Capacity            | 67.500 Logs                              |
| Voltage                 | 12 VDC / 3A ; 100 ~ 240 V, 50/60 Hz      |
| Temperature             | -20°C ~ 60°C                             |
| Size                    | 90 x 205 x 50 mm.                        |

### Why Kimaldi distributes Nitgen?

Nitgen is worldwide leader in Technologies and biometric applications focalized in fingerprint recognition solutions.

A leader company in biometric Technologies, thanks to its R+D department efforts and answering with efficiency to market biometric security demands. Nitgen has become quickly in a leader in biometric applications and solutions.

Nitgen has developed and now offers, advanced biometric authentication solutions, which haven't been possible without matching algorithm biometric technologies, fingerprint optical sensor and hardware applications and software integrations.

Nitgen biometric equipments have a powerful recognition algorithm, distinguished by worldwide organization leaders. High quality optical module and hardness (7 Moh) allow the best captures and durable.

Nitgen is compliant with ISO 9001 and ISO 14001.

### Wide range security solutions

Quality of Nitgen products is recognized by several international prices to its biometric technology. Main Nitgen products includes hardware products and applications like fingerprint reader lockers, access control systems and different kind of SDK for hardware development.