# NOVUS
*Innovating Possibilities*

# ACCESS CONTROL SYSTEM

## Model - NS-AC-001

## Overview

Access Control System is a security solution that regulates entry to physical spaces. It restricts unauthorized access, enhances security, improves safety, streamlines operations, allows customized access levels, and offers scalability for evolving security needs.

It is a robust and rugged system designed to enhance security of the premises.

## Features

- It has got TCP/IP communication for reliable network system.

- It is backed by advance access control functions.

- Can control 1 door, 2 readers (entry/exit), or 1 entry reader and exit button.

- It supports built-in web server.

- The controller supports different Wiegand formats.

- It includes ID card reader and MF card reader.

## Benefits

- Streamline access management processes and reduce administrative burdens

- Mitigate risks and prevent potential security incidents.

- Restrict unauthorized access and protect valuable assets.

- Maintain records for accountability and investigation purposes.

- Grant specific permissions based on individual roles.

- Easily expand or modify the system to meet changing needs.

## Technical Specifications

| | |
|---|---|
| Model | NS-AC-001 |
| CPU | Arm Architecture |
| Communication | TCP/IP 10M/100M adaptive |
| Card/user Capacity | 20,000 Users |
| Log Event Buffers(offline) | 100,000 event buffers |
| Number of Readers | 2 readers (Weigand) |
| Door Controlled | 1 door |
| Input | 1 door sensor and 1 exit device |
| Output | 1 Relay output |
| Door opening time | 1-600 seconds(adjustable) |
| Power interruption protection measure | High Speed Memory, Records never lose |
| Door open alarm | Yes |
| Alarm linkage | Software linkage |
| Remote Door Open | Yes |
| Door Inter lock | Yes |
| Anti-pass back and tail | Yes |
| Multi-card Door Open | Yes |
| Electronic map | Yes |
| First card unlocking | Yes |
| Unlock based on internal and external validation | Yes |
| Keypad (card + password, super password) | Yes |
| Package included: | Controller, software, manual. |
| Operation Temperature | -40°C~70°C |
| Operation Humidity | 10-90 RH    No Condensation |