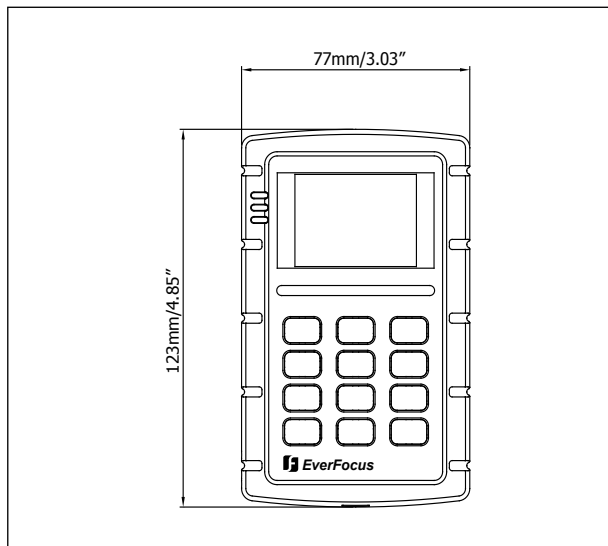# EFC301

## NAV Series TCP/IP Standalone Network Access Controller



## Features

- Network access is based on CAT-5, which can be used for communication (10M/100M Ethernet) and Power over Ethernet (POE)
- Mainstream web browser is used to access remote equipment and perform control and administration; no additional software is required
- SSL ensures secure web browser access
- Supports multiple languages including English and Chinese
- Supports online system upgrade
- Manages up to 100, 000 cards, and 1 million event log entries
- Supports 2, 048 control groups
- 10 time segments can be managed per day, with a minimum interval of 1 min
- 3 types of data types may be configured for up to 384 date configurations
- Supports real-time event logging
- Support door access by multiple cards
- Feature-rich management functions: Capable of conducting access administration based on time, date, location, and cardholder's access privileges.
- Powerful alarm connectivity functions for the ARM/DISARM of controlled areas; the triggering of a fire alarm will effect controls to the appropriate door areas, which provides convenient connectivity

## Specifications

| | |
|---|---|
| Operating System | Embedded Linux |
| Web-Based Functions | Supports configuration, monitoring and management |
| Database | Built-in |
| Processor | 32-bit RISC CPU200MHz |
| Memory | 512MNAND Flash, 64MDDR SDRAM |
| Communications Interface | 10/100MB Ethernet |
| Max. Users | 100,000 |
| Max. Log Entries | 1 million |
| Controllable Doors | 1 door |
| Reading Distance | 5 - 12cm |
| Read/Write Time | 200ms |
| Data Format | RFID, maximum 64 bits |
| Frequency | RFID card, 125kHz |
| Keyboard | 3x4, backlit |
| LCD | Backlit, 4x8 Chinese, 4x16 English/Russian |
| Alarm In | 1 Channel of Alarm Input (may be configured as fire or general alarm) |
| Alarm Outputs | 1 Channel for alarm outputs |
| Groups | 2048 |
| Programmable Time Intervals | 10 intervals per day with 1 minute minimum per interval |
| Programmable Dates | 3 types available with up to 384 types of date configurations |
| Door Access Modes | 3 types |
| Multiple Card Access | Supports 4x4 lock levels, with a multiple-card access configuration of up to 4 Groups x 4 cards |
| Card Password | 8 Characters |
| System Password | 8 Characters |
| ARM/DISARM Password | 8 Characters |
| Expiration of Card | YES |
| Automatic Daylight Savings Time | YES |
| Anti-Passback | N/A |
| Power Failure Protection | YES |
| Real Time Clock | YES |
| Tamper-Proof Switch | YES, normally close |
| Max. Alarm Relay Current | 4A |
| Max. Door Relay Current | 4A |
| Power | < 10W |
| Voltage | Supplied by POE or DC12V±15% |
| Current | 1A |
| Temperature | -10°C~+50°C |
| Dimensions (L x W x H) | 123 x 77 x 27mm/4.85" x 3.03" x 1.06" |

## Dimensions



77mm/3.03"

123mm/4.85"

* All product specifications are based on existing products and are subject to change without notice.

* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information

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