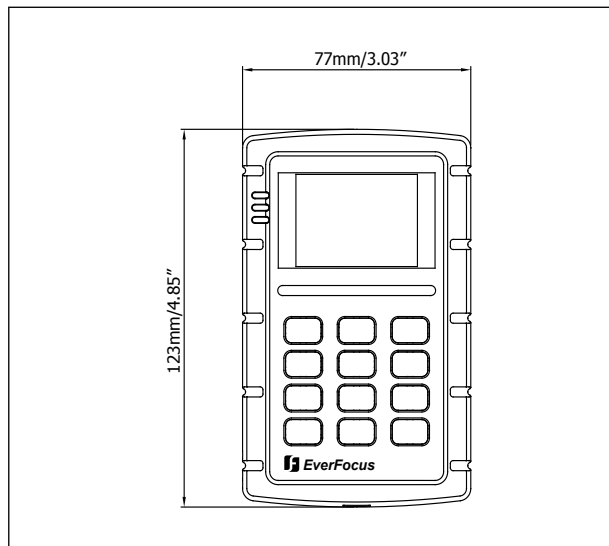# EFC301

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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