Napco Access Series: NA-2 2-Door Access Controller
Dual-Door Control, Doubled Capability

NEW! NA-2 PANEL

MVP ACCESS/EZ CLOUD-READY

The NA-2 from the new Napco Access Series is a robust two-door access control panel designed for professional-grade installations that demand more capacity and flexibility. Like all models in the series, it supports both the enterprise-level MVP Access platform and the app-based MVP EZ, allowing intuitive setup and control via smartphone.

The NA-2 makes independent decisions for up to two doors and supports any Wiegand or OSDP readers. With 16MB of onboard flash memory, it stores up to 25,000 cardholders and includes two reader outputs, dual door contacts, two REX inputs, an auxiliary alarm input, and dual Form-C relays for locking control. The panel includes a fire alarm input for strike release during emergencies and maintains UL/ETL compliance for safety and performance.

Powered by a 12VDC supply, the NA-2 supports a 7AH backup battery for up to 4 hours of operation at full load—meeting Canadian 30-minute backup standards—and includes a 3V lithium battery to preserve the real-time clock. With built-in Ethernet, the NA-2 ensures streamlined updates & cloud-based firmware upgrades for secure, connected access control.

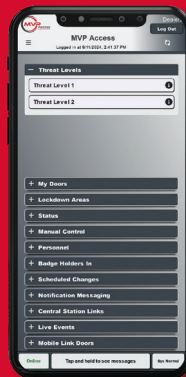| Features:	
Card Access Compatibility	Full function on- or off-line
Card Holder Credential Capacity	25,000 Card Holders
Number of Doors Supported	2 doors
Reader Types	Supports Any Wiegand or OSDP Compatible Readers
Reader Capacity	2 Readers
Reader Power Output	12VDC, 200mA max per reader (Total 400mA)
Reader LED Outputs	2 active low LEDs, one per Reader (50mA limit)
Supervised Alarm Inputs	5 on Board: (2) Door Contacts (2) Request to Exit Devices plus (1) Accessory Alarm Inputs. All inputs are dry contacts only.
Output Relay	2 on board. Form C, Selectable for Wet/Dry. Dry Relay, 2 Amps per Relay @ 12/24V up to 28V AC/DC; Wet Relay 1.6 Amps Total for both relays including the 12V Accessory Output @ 12VDC.
Console Relay	1 on board. Form C, Dry Relay Only, 2 Amps @ 12/24V up to 28V AC/DC
12V Out	12VDC Output, 1.6A total combined, shared with the two Wet Relay Outputs (Power Limited Output). Battery Backed.
Relay Circuit Protection	All relays - Circuit protected
Memory	16MB on board
FRAM	1,250 Standard transaction buffer. FRAM 512Kb Dedicated
Access Modes	Credential Only, Unique PIN only, Credential & PIN, Common Code, Free Access
Ethernet Port	One 10/100 Base-T (Built-in)
Communication Modes	Ethernet–10/100 Base-T
Data Encryption	AES128 Encryption
Downloadable Firmware	Via Software Request with Fast Server Loaded to FLASH memory in 20 seconds or less.
Diagnostic LEDs	Main Interface Board. DC Power Indicator–(1 LED) - Viewable through cabinet door
Clock Battery Backup	Greater than 5 years at 25°C (field-replaceable by qualified service personnel only).
Battery Backup	12V 4AH Battery (UL Listed Sealed Lead Acid 4AH Battery Sold Separately) Standby Power with max reader load: 4 HRS Standby Power with max reader load & 800mA EM Locks: 2 HRS (Not Included)
Enclosure Dimensions (Height x Width x Depth)	**Cabinet: Height:** 11" (279.4 mm) **Width:** 12" (304.8 mm) **Depth:** 3" (76.2 mm)
Weight	5 lbs (2.267Kg) not including battery

Capabilities

- 2 Door Controller.
- 25,000 cards standard
- 2 Wiegand Reader Inputs, Five-wire
- 2 OSDP V1/RS485 Reader Connections
- 2 Door Position Inputs
- 2 Request to Exit Inputs
- Built-In Ethernet Port 10/100Base-T Ethernet Interface
- AES 128-bit encryption
- Reader Power: Each Reader is rated for 12VDC @ 200mA Total 12VDC @ 400ma combined
- 1 Alarm/Supervised Input
- 2 Relays on board. Form C jumper selectable Dry/Wet. Dry relay max load 12/24V up to 28V AC/DC, 2 Amp (Power Limited Circuit). Wet Relay rated at 12VDC, Total 1.6A for both relays (Power Limited Output)
- 1 Console Relay
- Built-In Relay Contact Overvoltage Protection
- 12VDC Aux Power, total power up to 1.6A. combined with wet relays
- 1 Dedicated Fire Alarm Input
- 48 Additional inputs/outputs (Supervised) using IO Board
- 1,250 Standard transaction buffer. FRAM 512Kb Dedicated
- 16MB On Board Memory
- 256 Time schedules
- 1,000 Access groups
- 100 holidays
- Battery Backup up to 4 Hours with max reader load. (UL Listed Sealed Lead Acid 7Ah Battery recommended)
- Enclosure Size 11"H x 12"W x 3"D
- ETL Listed UL294

Ask for the NA-Series Access Controllers by Napco Access at your local distributor today

Ordering Information

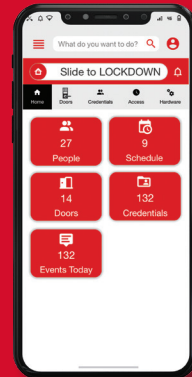**NA-2 2-Door Controller,** 12VDC, Surface Mounted, MVP-Platform-Ready (Also available, NA-1 Single Door Controller.)

Choice of Cloud Management Platforms:

MVP-ACCESS Enterprise

or

MVP-EZ App-Only

CICP1300IOCOMBO: Input/Output Expansion board with battery backed 12v accessory power. Features 16 supervised alarm inputs and 16 relay outputs per board. (Note: The NA-2 supports up to 3 I/O boards, for a total of an additional 48 relays and 48 inputs)

R-PH Napco Proximity Card Reader. Wiegand Interface, 125 kHz Proximity Reader, designed for single-gang wall box.

R-MI Napco 13.56MHz MIFARE Smart Card Reader for use with Napco's MIFARE EV1/EV2/EV3 smart cards & designed for single-gang wall box. (For ordering card credentials contact customer service).

MX1680 12.6 VDC 2.5A Switching Power Supply Adapter, AC 100-240V 50/60Hz to DC 12.6VDC Wall Plug

WI2848 NA-2 Installation and Service Manual

MVP-IM3-80211 MVP Gateway Ethernet & WiFi, MVP-Ready, for use with all wireless access Networx/ArchiTech Locks, Supports up to 63 Locks/7 Expanders

MVP-IM3-POE MVP Gateway Power over Ethernet, MVP-Ready for use with all wireless access Networx/ArchiTech Locks, Supports up to 63 Locks/7 Expanders

ETL Listed to UL294.