



Embedded 4-Door Controller

**NAE-4DM 4-Door Controller,
Expandable up to 4 Doors
with Basic Power**

**NAE-4DMPL 4-Door Controller,
Expandable up to 4 Doors
with Power Package, includes
12 or 24VDC power for door locks**

Features

- **Simple to use, Self-Contained, Scalable Access Control Solution**
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- Expandable to 4 doors in same housing with NAE-ACM
- 8 Reader Ports - 4 In / 4 Out
- 8 Form C Relays - 4 Lock / 4 Auxiliary
- 12 Inputs - 4 Request to Exit, 4 Door Position Switch, 4 Auxiliary
- ETL / UL294
- 3-Year Hardware Warranty

Model	NAE-4DM	NAE-4DMPL
Processor	Quad Core Cortex, 1.5 GHz	Quad Core Cortex, 1.5 GHz
Memory	1 GB DDR3 & 8 GB eMMC	1 GB DDR3 & 8 GB eMMC
Operating System	Embedded Linux	Embedded Linux
Transactions	> 60 per second	> 60 per second
System Power Requirements	115VAC @ 1.5A	115VAC @ 1.5A
Operating Temperature	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)
Enclosure Size (W x H x D)	14.25 x 14.25 x 3.75in (362 x 362 x 95mm)	14.25 x 14.25 x 3.75in (362 x 362 x 95mm)
Internal Power Supply	Controller & Readers Only	Controller, Readers & 12V and 24V DC for Door Locks
List Lock output power	NA	12 VDC 700MLS, 24 VDC 350MLS
Battery Backup	Controllers & Readers Only	Controllers & Readers, & Door Locks
Recommended Battery Type (battery is not incldd)	12V, 7AH, Sealed Lead Acid w/ 0.187 inch terminals	12V, 7AH, Sealed Lead Acid w/ 0.187 inch terminals
Standby Power Requirement	400mA @ 12V	450mA @ 12V
Readers (Wiegand)	8 Total, One In & One Out Reader for Each Door	8 Total, One In & One Out Reader for Each Door
Reader Power	300mA @ 12V Max per Reader 1000mA @ 12V Max per System	300mA @ 12V Max per Reader 1000mA @ 12V Max per System
Request to Exit (REX) Inputs	4 Total, One for Each Door	4 Total, One for Each Door
Door Position (status) Inputs	4 Total, One for Each Door	4 Total, One for Each Door
Auxiliary Input	4 Total, General Purpose	4 Total, General Purpose
Tamper Digital Input	Yes	Yes
Power Fault Digital Input	Yes	Yes
Door Lock Outputs	4 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A
Auxiliary Outputs	4 Form C Relay, 24V @ 2.0A	4 Form C Relay, 24V @ 2.0A