

Sell dependable, affordable access without hiring an expert



Ordering Information:

GEM-ACM1D Access Control Module for 1 Door Module in metal enclosure, w/ power supply, transformer and software enhancement upgrade EPROM for Gemini Alarm Panel.

GEM-2D 2nd Door Plug-in PCB, for use in above.

GEM-1DKIT Economical GEM-PROX Kit Module in enclosure, w/ power supply, transformer, Panel Prom, GEM-PX Prox Reader with Status LED Indicators, 25 Gemini Prox Cards.

GEM-1DKITA HID Reader Kit, as above, with HID Reader and 25 HID 1326 Prox. Cards

GEM-PX Gemini Prox Reader with Access and Alarm Status Indicators

GEM-PXC/50 50 Additional Gemini Prox Cards

GEM-H1326 HID Prox Reader

GEM-H1326C/100 100 Add'l HID Cards

Turnkey 1-Door Kits w/reader & 25 cards:

GEM-1DKIT

GEM-ACM1D

PCD-WINDOWS

GEMINI UPGRADE EPROM

NAPCO PROPRIETARY GEM-PX READER WITH

GEM-PXCV CUSTOM BEZEL

(25) NAPCO PROPRIETARY GEM-PXC CARDS

GEM-1DKITA

GEM-ACM1D

PCD-WINDOWS

GEMINI UPGRADE EPROM

GEM-H1326 HID READER WITH GEM-PXCV CUSTOM

BEZEL

(25) GEM-H1326C HID CARDS

Easily add-on access control to Gemini panels - affordable access and security in one

- Cost efficient access solution, easily added & installed, affordable for even small to mid-size installs
- Seamless Integration with Gemini Control Panels GEMP3200, P9600, X255; easily programmed with Napco Quickloader (single site programming and shared database)
- Supports HID & Gemini Prox Cards and Readers (both offered in money-saving kits; see Ordering info. @ left)
- Optional **PCD-Manager** enduser software for corporate security or personnel departments, etc. Easy-to-use enduser Windows-based package for account management and self-maintenance provides limited enduser account control: Manage database of both alarm users and up to 1000 access control cardholders, logs, schedules, access groups, etc.(see sidebar).
- Plug and play - GEM-ACCESS comes ready with its own enclosure, power supply (aux. for prox readers and mag locks) and battery backup. (GEM-ACMID)
- Fast card processing transaction speeds
- Easily expandable by-door with affordable GEM-2D Plug-in PCBs

Supports HID or Gemini prox cards & readers

GEM-PX Gemini Prox Reader with Alarm Status Indicators featured with cards and readers in GEM-1DKIT

- Economical, attractive, weatherproof reader with unique alarm system status leds on face - Access the door and disarm the system with a card!
- LED indicators enable users to know alarm system status before arming/disarming system with prox card
- Purchase individual **GEM-PX** affordable proprietary reader supporting economical **GEM-PXC** proprietary Gemini Prox Cards

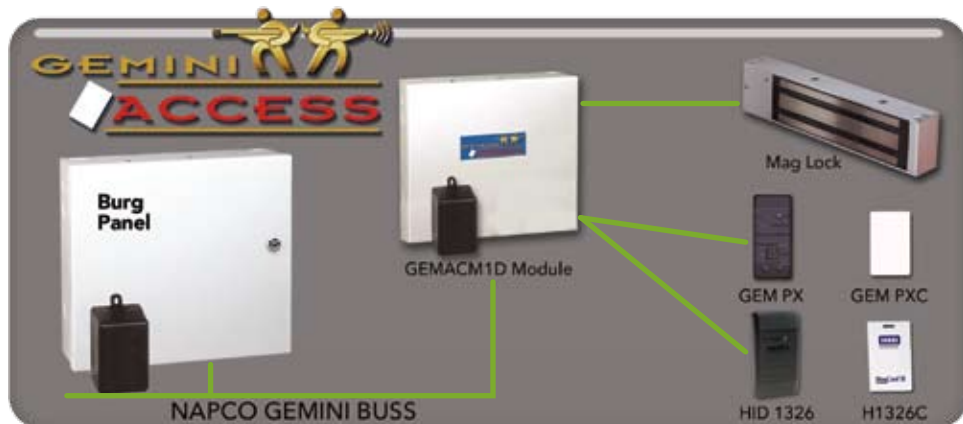


GEM-PX

- or -

HID Card/reader kit **GEM-1DITKA**

- Napco's GEM-Access HID Kit complete with HID reader built-in GEM-PX1326, enabling you to get both Gemini alarm system LED status while supporting *standard* HID 1326 Cards.



GEM-ACMID adds integrated access control to the burglar alarm functions of the GEMP3200, 9600 & X255

Gem-Access' PCD-Manager enduser software for client security/personnel departments

PCD-Manager

Increases ID cardholder capacity to 1000, too

Napco's GEM-ACCESS Alarm/Access Control Integration System, supported by the GEMP3200, P9600 & X255 Security Panels, enables you to offer your accounts optional Windows-based software to give their security and/or personnel departments limited control of their premises' alarm and access systems and authorized users, while safeguarding your system configurations, dealer codes, account ID's, central station number, etc. safely away from view. Plus, dealers can personalize the look of the account's software to represent their company, including options for uploading alarm company logos, website, tech support contact info., etc. with easy-to-use dealer customization utility built in.

Easy account self-management interface for routine tasks, like adding alarm users/ID cards

- Easy personnel management for both alarm users (keypad user codes) & ID access cardholders
- Adding/editing/deleting personnel
- Importing text file names/data (including those from personnel files)
- Viewing event logs
- Create and manage up to 195* access groups via intuitive drop-down menus and helpful screens (*see capacities chart, right)
- Assign users and/or access groups to easy-to-set schedules with pop-up calendar selections, drop-down menus, etc.
- Helpful Finalize Changes Summary screens summarize changes in a data-entry session for review before changes are made and downloaded.
- Comprehensive error-checking utility helps avoid errors and flags conflicts
- Report Print Manager - Alarm system users/info., cardholders, scheduled events, holidays & logs.
- Easy PCD-Manager link to panel via all standard Napco download modes (locally via serial COM port; remotely via telco line or remotely via TCP/IP network)

GEM-ACM1D Power Supply

The GEM-ACM1D has an integral power supply which includes two primary linear regulators. The first regulator is used to power the panel, the readers and to recharge the battery. The panel and readers are supported with battery standby. The second regulator is used to supply up to 1.5A 12VDC for the door locks, which provides enough current to support two 750mA electromagnetic locks. The Door Lock Power has an option to enable battery standby with a shunt connector placed across jumper JP3 (factory default).

Fire System Integration

GeminiAccess includes an "Emergency Free Access" zone for integration with a fire system. The output(s) from the fire alarm system must be wired so that if there is a fire alarm or AC failure of the fire alarm system, the "Emergency Free Access Zone" is either shorted or opened. (Before installing the access control system, be sure to consult with the authority having jurisdiction to be sure to comply with all local codes.)

Typical Applications:

App. Example 1 - uses a single prox reader on the exterior of the restricted area and a "Request to Exit" button within the restricted area. This method only requires a single reader for each access door. This method is limited in that only entrance via the card reader is logged or printed (requires GEM-PRINT module). The use of the "Request to Exit" button is not logged.

App. Example 2 - uses 2 prox readers (one reader mounted inside and another outside the restricted area); both connected in parallel to a single card reader interface. This method requires presenting the credential for both entry and exit from the restricted area. Each presentation of the credential is logged and optionally printed (requiring GEM-PRINT module on the system).



Gemini Access capacities, maximum by panel

Panel	Doors	Access Groups	Total Cards &/or Alarm Users	Expanded Cardholders (w/ PCD-Manager)
X255	8	195	195	1000
P9600	8	96	96	1000
P3200	4	48	48	1000

Specifications

Housing Dimensions: 11"x12 1/8"x3" (28x30.8x7.6cm) HxWxD

GEM-X255 Current Draw: 5mA

Operating Temperature: 0-49°C (32-120°F)

Input Power: 16.5VAC via CLASS 2 Plug-In 40VA or 50VA Transformer

Door Zone Loop Voltage: 10-13VDC

Door Zone Loop Current: 2.4mA with 2.2K EOLR

Door Zone Loop Resistance: 300 ohms maximum

Combined Door Lock Power:

D1 PWR (terminals 3+ and 4-) + D2 PWR (terminals 5+ and 6-)

Voltage Rating: 12VDC

Maximum Current: 1.5A

Battery Standby Time:

JP3 not installed: Standby Time = 0*

JP3 installed (factory default)

Reader 1 PWR: READER 1 PWR (terminals 17+ and 18-)

Voltage Rating: 12.5VDC to 11.7VDC with JP1 set to 12V (default). 5V with JP1 set to 5V.

Maximum Current: 125mA

Battery Standby Time:

JP3 not installed and 4AH battery used = 4 Hour*

JP3 installed (factory default)

Reader 2 PWR***: READER 2 PWR (terminals 35+ and 36-)

Voltage Rating: 12.5VDC to 11.7VDC with JP4 set to 12V. 5V with JP4 set to 5V.

Maximum Current: 125mA

Battery Standby Time:

JP3 not installed and 4AH battery used = 4 Hour*

JP3 installed (factory default)