



Introducing the all new

Napco Commercial Platform:

The most powerful, feature-rich platform for 24V commercial fire, burglary or combination burg./access/fire, supporting up to 255 zones using all-new fire and burglary devices in hardwire, wireless, conventional & addressable technologies

Firewolf 24V Commercial Intelligent Addressable Fire Panel, NFPA72-compliant, 96 outputs, 4 onboard NACs (6.5A total), expandable to 24, built in Sync/Strobe/Horn Module (System Sensor & Wheelock) and dual line DACT plus optional TCP/IP reporting. Nearly a mile., max. wire run – any wire type – ideal for retrofits. Also supports legacy and conventional devices, too. Powerful battery capacity up to 28Ah total.

Gemini-C Commercial Addressable/Conventional 255-Zone Burglary System; Supports full line of new GEMC Commercial-rated conventional, addressable or wireless devices simultaneously on from 8 to 255 zones, with partitioning. Also featuring auto-flash keypads that update firmware upon power-up.

GEM-C Combination Burglary/Access/Fire System; UL 864, 9th Edition Isolated commercial Burg./Access and Fire buses and option for separate burg/fire battery backups-- ideal for AHJs. Integrates with GeminiAccess ACM Module. Uses familiar Quickloader Up/downloading and Gemini style keypads in burglary or fire models.

- ✓ More zones – 255
- ✓ More power – 7 amps
- ✓ More NAC's – 4 on board
- ✓ Built in strobe/horn sync
- ✓ More standby power
- ✓ 28 Amp hour battery capacity
- ✓ Regulated 24V output

NAC Extender provides nearly 7A and 4 onboard NACs with up to 2A ea; up to 14Ah total battery capacity. Easily distributes synched bell and strobe outputs with built in module. Monitors AC, battery trouble, tamper and ground fault on Napco bus or provides universal FACP support.

Regulated Auxiliary Power Supplies

Commercial burglary or fire, 12V regulated 2A models (fire shown); or 1.75A version with plug-in transformer

Firewolf Advanced Addressable Commercial Fire Devices support panel's auto-drift compensation and maintenance alert function

Gemini-C Addressable Commercial Burglary Devices permit longest loop length; no repeaters necessary!

Gemini-C New UL Commercial Wireless Line with supervised tamper & automatic, continuously supervised signal strength (requires no manual test activation).

Gemini-C Burglary & Firewolf Menu-Driven Custom Alpha Keypads with integral 4-zone EZMs, with all-new auto-updating firmware upon power-up. Same familiar Napco ez-programming and usage.

Compliances - NFPA 72, UL Commercial Fire, UL864 9th Ed., CSFM, FM, MEA, UL985. UL household & commercial burg.: UL1610, UL609, UL365, UL1023 (UL listings pending), SIA CP01



Napco Commercial™ GEMC Platform System Components: 24V Fire, Burglary or Combination Burg./Access/Fire Systems

- Main Control board supports up to (2) SLC controllers (addressable Signaling Line Circuit controllers).
- Fire SLC Loop Controller
- Burg SLC Loop Controller
- Fire 4-wire bus for keypads and non-SLC I/O devices
- Burglary Control Module
 - Provides Isolated Bug 4-wire bus for keypads and non-SLC I/O devices
 - Provides independent Burg battery connection and charger
 - Provides 12V power
 - Independent Burg Bell output
- Power Supply includes either 4A or 7A @ 24V
- Integrates with NAPCO ACM – Access Control Modules
- RS-232 Printer Module
- Supports a maximum of 15 Keypads, including any combination of fire keypads and burg keypads.
- SLC Loop Isolator
- Dual Phone Line built in
- TCP/IP Internet reporting module
- Regulated Auxiliary Power Supplies - Commercial Burglary or fire, 12V regulated 2A or 1.75A version with plug in transformer
- Choice of two enclosures - Between the studs enclosure, recess or surface mount – larger version supports up to 28 AH at 24V. Dimensions: 24" x 14.25" x 5.2" (H x W x D) without cover. Smaller Enclosure – supports 14 AH at 24V. Dimensions: 16" x 14.25" x 5.2" (H x W x D) without cover.

Up to 255 Zones. Zones can come from any of the following initiating devices (in up to 7-8 partitionable areas):

- SLC Loop (Burg or Fire) – supports up to (2) 127 point loops
- Commercial RF Receiver –
- Supports Commercial Wireless Fire devices
 - Wireless Smoke Detector
 - Wireless Heat Detector
- Supports Commercial Wireless Burglary devices
 - Wireless PIR Sensor
 - Wireless Dual Technology Sensor
 - Wireless Glass break Sensor
 - Wireless 2 Point Door / Window Transmitter
- Conventional zone EZM Expansion modules on the 4-wire burg or fire bus or SLC loops
- Conventional 2-wire or 4-wire smoke detector input module
- SLC Fire Devices Supported:
 - Smoke Detector
 - Heat Detector
 - Duct Detector
 - Pull Station
 - Conventional Zone Module
- SLC Burg Devices Supported:
 - 1 Zone Burg Input Module
 - 4 Zone Burg Input modules
 - PIR Motion Sensor
 - Dual Tech Sensor

Up to 96 outputs

- Four on board Class B or 2 Class A NAC circuits, 2 amps each, total 6.5 amps at 24V
- Built in Wheelock and System Sensor NAC sync/strobe/horn protocol allows initial silence of audible appliances while maintaining visual notification, without the use of additional modules.
- SLC Fire Devices: Supervised relay, unsupervised relay
- SLC Burg Devices: unsupervised relay
- Fire 4-wire bus devices: 8 zone form C relay (GEMC-RM3008), 8 open collector output (GEMC-OUT8)
- Burg 4-wire bus devices: 8 zone form C relay (GEMC-RM3008), 8 open collector output (GEMC-OUT8)

Napco Commercial Platform Advantages

- SLC controller supports shielded, unshielded, twisted and untwisted wire - ideal for retrofits

Napco Commercial Platform Systems
Simultaneously support all-new UL commercial Firewolf fire and Gemini burglary devices in hardwire, wireless and addressable technologies



- Maximum SLC loop length:
 - 4,000 ft. using 18 gauge wire for fire
 - 1,500 ft. using 18 gauge wire for burg
- One NAC output configurable for 12V for compatibility with existing legacy notification appliances • UL Regulated NAC outputs
- Automatic drift compensation for smoke detectors
- Separate NAC Extender – (4) NAC's 4A or 7A model, may be installed anywhere on the SLC loop.
- Keypads have flash-able firmware – upon power-up, the control panel installs the latest firmware on all keypads.
- Programmable obscuration level by smoke detector device
- Quickloader device sensitivity report allows the printout of a report for the AHJ listing the current status of all smoke detectors in the system including the programmed obscuration level and the actual sensitivity reading for each device. This report can be generated either remotely or locally, through notebook PC and local PCI-MINI connection.
- Isolated backup battery circuits for Burglary and Fire for EZ backup calculation and AHJ compliance; allows dealer to accommodate separate backup times for burg and fire. This allows burg system to drop out after burg battery depletion, while fire system is maintained and extremely stable for extended period.

Firewolf Fire-Only 24V Intelligent Addressable Fire Configuration, NFPA72

- Main Control board - supports (1) Fire SLC controller
- Fire 4-wire bus for keypads and non-SLC I/O devices
- Power Supply 7A and 4A
- RS-232 Printer Module
- Fire Keypad with Gemini-style functionality and built in EZM
- SLC Loop Isolator
- Dual Phone Line built in; Synch module built in (System Sensor & Wheelock protocols)

NAC Extender - Powerful flexibility

- Nearly 7Amps power
- 4 onboard NACs with up to 2A ea., expandable for up to 24 per system
- Up to 14Ah total battery capacity
- Regulated 24V Aux. power
- Distributes synched bell and strobe outputs with built-in module
- Monitors AC, battery trouble, tamper and ground fault on Napco bus -or- provides **universal** FACP support.

Gemini-C Intrusion-Only Configuration, Commercial Conventional/Addressable 255-Zone Burglary System

- Supports full line of new GEMC Commercial-rated addressable conventional, or wireless devices simultaneously
- 8 to 255 fully-configurable zones, with up to 7 partitions
- Also featuring auto-flash keypads that update firmware upon power-up, also with integral 4-zone EZM expanders.
- Familiar Napco Quickloader up/downloading and keypad operation
- 28Ah, max. battery capacity

Agencies

NFPA72, UL864 9th Edition, MEA, CSFM, FM, UL985, UL1076, UL1610, UL609, UL365, UL1023, SIACP01 (UL pending)



www.napcosecurity.com/newproducts.html

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