ABOUT NAPCO
NAPCO Security Technologies, Inc. has a long heritage dedicated solely to developing innovative technology and reliable security solutions for the professional security community, including popular StarLink Universal Wireless Intrusion & Commercial Fire Communicators, new StarLink Connect® Radios with Universal Full Up/Download for all major brands including Built-in Connected Home Control & Notifications Powered by iBridge®; Remote Services including iBridge Messenger™ Notifications and iBridge Video™ WiFi Cameras and App. For a reliable systems approach the Company features Gemini Security & Fire Systems and the NAPCO Commercial Platform of 24V Addressable/Conventional/Wireless Systems and robust Firewolf Fire Panels & Devices.

NAPCO's many award-winning security products are proven dependable and built to last, manufactured in its own 200,000 square foot, ISO:9001 certified facility using rigorous quality standards. Backed by the industry's longest warranty, and Napco US-headquarters-based technical support, we also offer ceu-accredited professional training available online and in the field.
# Table of Contents

Napco Commercial Firewolf Fire System Solutions ................................................................................................................................. 1

**Configuration Diagram, Fire Systems** ..................................................................................................................................................... 2

Napco Commercial Firewolf Fire Panels, Addressable, Commercial Wireless & Conventional Fire Options ................................................................. 2-3


**Configuration Diagram, Commercial Integrated Systems** ................................................................................................................... 4

Gemini Access Add-on Access Control to Gemini Alarms from the P3200 to Napco Commercial GEMC-Series ................................................................................. 6

Firewolf Conventional Fire / Lifesafety Devices ............................................................................................................................................... 6

StarLink Communication Technologies Solutions: Intrusion, StarLink Fire™ & StarLink Connect™ Connected Home ................................................................. 7-10

**Reference Matrix, StarLink Cell/IP Communicator Models by Feature & Application** .................................................................................. 10

iBridge Messenger SMS/MMS Service, Your Accounts Know All & See All ........................................................................................................... 11


New iBridge Video™ Wi-Fi IP Indoor & Outdoor Cameras for Remote Video ........................................................................................................ 14

**Reference Matrix, iBridge WiFi Video Cameras & Options** ..................................................................................................................... 15

Gemini iRemote Virtual Keypad Module & App: Easy affordable remote security system control .................................................................................. 16

Smart Keypads & Touchscreens to Smart Homes: Gemini Makes it All Simple ........................................................................................................ 17-19

Gemini Security Systems, Panels & Peripherals ........................................................................................................................................ 20-21

Gemini Wireless Devices & Receivers ....................................................................................................................................................... 22-23

**Configuration Diagram, Gemini Security System & Options** ................................................................................................................... 24-25

Napco Motion Sensors (hardwired)........................................................................................................................................................ 26-27

**Reference Matrix, Gemini Panel Line-up, Features & Accessories** ......................................................................................................... 28-29

Free ProTrainings in the Field & Online Nationwide, Many CEU-accredited.  
www.napcosecurity.com/seminars
Napco Commercial Firewolf Series: Robust, flexible 24V/12V & wireless commercial fire systems

GEM-C Firewolf Series 24V Commercial Intelligent Analog Addressable Fire Panels, 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. Powerful battery capacity up to 32Ah total. More addressable devices than any in its class; mile-long loop lengths and more device load each. Cost-effective retrofits - supports conventional legacy devices & existing wiring (all types/gauges). Comprehensive local and remote programming & diagnostics. Printable AHJ reports of analog device sensitivity settings with current readings (uploadable)

- More zones/points – up to 255
- More power - 7 amps
- More NACs - 4 on board (expandable to 24)
- Onboard strobe/horn sync
- More standby power
- 32 Amp hour battery capacity
- Regulated 24V output

Regulated Auxiliary Power Supply
Commercial fire, 12V regulated 2A model

Firewolf Advanced Analog Addressable Commercial Fire Devices support auto-drift compensation and maintenance alert function

UL Commercial Grade Gemini Wireless Devices with supervised tamper & automatic, continuously supervised signal strength (requires no manual test activation).

Firewolf Menu-Driven Custom Alpha Annunciators Same familiar Napco EZ-programming and usage. (Keyswitch support, too.) Customizable Quick-Start Preset Program & Auto-Learn of SLC Devices.


New! StarLink Universal Sole Path Fire Cellular Communicators
Work with virtually any 12V-24V FACP. Choice of CDMA and GSM 3/4G Models, meet or exceed today’s codes, UL864 and NFPA72 2013, etc.

NAC Extender provides nearly 7A and 4 onboard NACs with up to 2A ea; up to 24V 16Ah total battery capacity. Easily distributes synced bell and strobe outputs with built in module. Supervised and bus-activated with no separate modules or programming required. Monitors AC, battery trouble, tamper and ground fault on Napco bus or provides universal FACP support. 3 Programmable relay outputs; 2 low voltage; 1 high-voltage 120V rated relay.

Compliances - NFPA 72, UL Commercial Fire, UL864 9th Ed., UL985, CSFM and NYC Fire Department Certifications.
Firewolf Fire Panels: Addressable, Commercial

Intelligent features, cost-effective design and rigorous code compliance

FEATURES:
- Analog, Addressable, Conventional, Wireless &/or Hardwired technologies
- Wireless Fire – Full line of UL Commercial Grade long-range supervised models
- More Addressable Devices than any in its class; mile-long loop lengths and more device load ea. ch. Supports 10,000 Feet of SLC Cable!
- Fire Quick-Start System Programming & EZ-Maintenance Modes
- More value and power on-board for a more cost-effective solution
  - Built in DACT (TCP/IP option), Horn/Strobe Sync (Wheelock/System Sensor protocol), 4 programmable NACs (up to 24), 7A power, regulated 24V output
  - Cost-effective retrofits - supports conventional legacy devices & existing wiring (all types/gauges)
  - Comprehensive local and remote programming & diagnostics.
  - Quick Smoke Obscuration Reports for AHJs (Printable reports of analog device sensitivity settings with current readings (uploadable))
  - Optional NAC Extender for universal FACP support and Regulated Power Supplies, too
  - Code-compliant integrated Security System option with independent pre-isolated circuits
- Compliance - NFPA 72, UL Commercial Fire, UL864 9th Ed., UL985, CSFM and NYCFD.

Commercial Fire Features:
- Fire Quick-Start System Programming & EZ-Maintenance Modes
- Horn/Strobe simultaneous silence
- 1-Button Supplemental Reset
- 4-Cycle coded cadence
- Fire Function global keypad unlock

Firewolf Series

2 SLC MODULES, max.
- Two Fire or
- Two Burglary or
- One Fire and one Burglary
Note: The four GEMC-REC/V max. is reduced by 1 for each SLC module.

Napco Commercial Firewolf Fire System Kit Configurations:
- Napco Commercial Firewolf 255pt 24V Intelligent Addressable Commercial Fire System Kit

GEMC-FW-255KT
- 24V Panel, 255 pts via commercial addressable, wireless or conventional fire devices, 4 on onboard v NACs providing up to 6.5A notification power
- 7Amp, 24V Power Supply
- Built in horn strobe sync on each NAC (Wheelock/System Sensor protocol)
- Built in dual line communicator; dual onboard serial ports; optional TCP/IP
- Fire Quick-Start System Programming & EZ-Maintenance Modes;
  Quickloader up/downloading incldg Quick access, Smoke Obscuration Reports, Automatic drift compensation for smoke detectors too
- Nearly a mile max. wiring run - any wire type - ideal for retrofits. 24V and 12V legacy devices supported
- Large red locking enclosure, flash or surface mount. Up to 32AH battery capacity
- Includes Fire Annunciator (GEMC-FK1) LCD display, menu-driven, mounts anywhere on bus. (Also global Annunciator unlock feature & full keyswitch support).

Napco Commercial Firewolf 128pt 24V Intelligent Addressable Commercial Fire System Kit

GEMC-FW-128KT
- 24V Panel, 128 pts via commercial addressable, wireless or conventional fire devices, 4 on onboard programmable programmable NACs providing up to 6.5A notification power.
- 7Amp, 24V Power Supply
- Built in horn strobe sync on ea. NAC
Wireless & Conventional Fire Options

- Built in dual line communicator; dual onboard serial ports; optional TCP/IP
- New Fire Quick-Start System Programming & EZ-Maintenance Modes; Quickloader up/download including Quick access, Smoke Obscuration Reports; Automatic drift compensation for smoke detectors too
- Nearly a mile max. wiring run - any wire type - ideal for retrofits.
- Supports 24V and legacy 12V devices
- Large red locking enclosure, flush or surface mount. Up to 32AH battery capacity
- Includes Fire Annunciator (GEMC-FK1) LCD display, menu-driven, mounts anywhere on bus (Also, global Annunciator unlock feature & full keyswitch support.)

Napco Commercial Firewolf 32pt 24V Intelligent Addressable Commercial Fire System Kit

GEMC-FW-32KT
- 24 Panel, 32 pts via commercial addressable, wireless or conventional fire devices, 2 on onboard NACs providing up to 4A notification power.
- Locking medium red enclosure (flush or surface mount). Houses up to 16AH battery backup.
- 7Amp, 24V Power Supply
- Built in horn strobe synth module on ea. programmable NAC
- Built in dual line communicator; dual onboard serial ports; optional TCP/IP
- New Fire Quick-Start System Programming & EZ-Maintenance Modes; Quickloader up/download including Quick access, Smoke Obscuration Reports; Automatic drift compensation for smoke detectors too
- Nearly a mile max. wiring run - any wire type - ideal for retrofits. 24V and 12V legacy devices supported
- Includes Fire Annunciator (GEMC-FK1) LCD display, menu-driven, mounts anywhere on bus (Also, full keyswitch support.)

Napco Commercial Firewolf 32pt Conventional Fire System Kit - Ideal for sprinkler/waterflow

GEMC-FW-32KT
- 24 Panel, 32 Points via commercial addressable, wireless or conventional fire devices, 2 on onboard NACs providing up to 4A notification power.
- Locking, Medium Red Enclosure, 16 x 17” door, with 14.25” x 16” base (flush or surface mount). Houses up to 16AH battery backup.
- 4Amp, 24V Power Supply
- Conventional 8 zone 2-wire fire input module, for conventional 2-wire smoke or any conventional fire detection device (GEMC-F82CPIM)
- Built in horn/strobe synth. module on each NAC (Wheelock/System Sensor protocol)
- Built in dual line communicator; dual onboard serial ports
- New Fire Quick-Start System Programming & EZ-Maintenance Modes; Quickloader up/download
- Menu-driven LCD Fire Annunciator mounts anywhere on bus (GEMC-FK1)

7Amp NAC Extender for Universal FACP use or with GEMC / Firewolf Systems

GEMC-NAC7S
- 7 Amps of Power for use with NAPCO or other FACP panel brands
- 4 onboard programmable NACs with up to 2A ea. expandable up to 24 per system
- Regulates 24V auxiliary 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
- Red locking enclosure, accommodates up to 16AH total battery capacity

12VDC Fire Power Supply for GEMC / Firewolf and Gemini Panels

GEMC-12V2ASP-CF 12VDC
- Power Supply for Fire Bus of Firewolf & GEMC Napco Commercial Panels, remote supervised
- Direct 120VAC connection
- Supports 2ea. 12V, 7AH standby batteries

Wireless, UL Commercial, Fire Peripherals

GEMC-REVC Wireless 255 point RF Receiver (4/system, max.)
GEMC-WL-5MK Wireless Smoke, Photoelectric (complete)
GEMC-WL-HEAT Wireless Heat, 135° F
GEMC-WL-WD Wireless 1-pt input module
GEMC-WL-WD2 Wireless Input module (converts any UL device into a wireless device, ex. pull stations or sprinkler supervisories.)
GEMC-WL-CO Wireless Carbon Monoxide Detector

Conventional Fire System Peripherals

GEMC-FK1 LCD Fire Red Annunciator (Menu-driven operation, functionality for Reset, Acknowledge, Silence (with disable).
GEMC-FBZCPIM Conventional 2-zone 2-wire fire input module. Plugs into motherboard, for conventional 2-wire smoke detectors or any conventional fire detection device.
GEMC-EMZ8 8-point Expansion Module
FWC-CNV-PULL Conventional Single Action Pull Station, with Hex Reset
FWC-CNV-PULLK Conventional Single Action Pull Station, with Key Reset
FWC-CNV-PULL2 Conventional Dual Action Pull Station, with Hex Reset
FWC-CNV-PULL2K Conventional Dual Action Pull Station, with Key Reset

Addressable Firewolf Peripherals

GEMC-FW-SLC Addressable SLC Fire Module, supports up to 128 addressable SLC fire devices, below. Up to 2 connect to Panel:
FWC-FSLC-SMK Addressable Analog SLC Smoke, photoelectric, heat**
FWC-FSLC-HEAT Addressable Analog SLC Heat, 135 - 150°F, heat**
FWC-FSLC-DUCT Addressable SLC Duct smoke detector, photoelectric (Requires use of GEMC-24VR Voltage Regulator) inclds 2 onboard relays that follow state of detector.
FWC-FSLC-DUCTRA Remote Indicator Plate with LED indicator & key reset.
FWC-FSLC-EMZ2 Addressable SLC 2-zone conventional expansion module. Uses one address on SLC loop, but yields 2 indep. contact monitoring circuits, for pull stations, water flow and other dry contact alarm initiating devices.
FWC-FSLC-EMZ1 Addressable SLC 1-input conventional module, similar to usage above.
FWC-FSLC-CZM Addressable SLC Conventional Zone module, for monitoring of dry contacts, i.e., pull stations and conv. smoke (Requires use of GEMC-24VR Voltage Regulator)
FWC-FSLC-ESCM Addressable SLC Conventional Zone module, for monitoring of dry contacts, i.e., pull stations and conv. smoke (Requires use of GEMC-24VR Voltage Regulator)
FWC-FSLC-ISO Addressable SLC Short Circuit Module (Optional: For special applications, meets Class A, Style 7 loop reqts.)
FWC-FSLC-SOM1 Addressable SLC Fire supervised output module. Application examples: elevator recall, HVAC shutdown, 3 addr'l NAC output w/ power supply (Requires use of GEMC-24VR Voltage Regulator)
FWC-FSLC-PULL Addressable SLC Fire Pull Station, standard hex-key reset.
FWC-FSLC-PULLK Addressable SLC Fire Pull Station, with key reset.
FWC-FSLC-PULL2 Addressable SLC Fire Pull Station, with hex-key reset.
FWC-FSLC-PULL2K Dual action pull station, with key reset.
FWC-FSLC-PROG2 Tool for address-programming SLC devices
FWC-FSLC-SMKGB ** Smoke/Heat 6’ Base, required for FWC-FSLC-SMK and -HEAT devices

Output Options

GEMC-NAC7S Remote 4-output NAC Extender, for 6.5A tl or 2A, max. on any 1 output. Red 14 x 16’ can, connects to 120VAC, supports 24V 16AH standby batts.
Supervised, fire bus connection. System Sensor and Wheelock NAC sync. (5/ system, for 20 addr'l NAC circuits tl). 3 addr'l programmable relay outputs; 2 low voltage; 1 high-voltage 120V rated relay.
GEMC-12V2APS-CF 12VDC Power Supply for Fire Bus, remote supervised. Direct 120VAC connection, supports 2ea. 12V, 7AH to 16AH standby batts.
GEMC-PRINT Parallel Printer Module
GEMC-RM3008 8 Form C Relay Output Module
GEMC-RS232 RS232 Adapter for serial output from Panel
GEMC-OUT8 PGM Output Module, 8 open collector PGM outputs

Communication Options

GEMC-NL-MOD Internet Reporting Module
SLE-CDMA-FIRE StarLink Universal Sole Path Fire Cellular Communicator, CDMA (see next page)
SLE-GSM-FIRE StarLink Universal Sole Path Fire Cellular Communicator GSM (see next page)

Napco Commercial Platform GEMC Firewolf Fire Systems and Integrated Gemini Intrusion &/or Access Options

GEMC-COMBO255KT

- 24V Panel, 255 Points via commercial addressable, wireless or conventional fire or burg, devices, 4 on board NACs, 8 partitions (No Loop Isolator/Extender required)
- 7 Amp, 24V Power Supply
- Burg. Module, with power supply with built in bus isolator for complete separation of fire and burg power and battery standby operation (GEMC-BM/PS)
- Built in horn/strobe synch. module on each NAC (Wheelock & System Sensor protocol)
- Built in dual line communicator; dual onboard serial ports
- Quickloader up/downloading including remote smoke obscuration reporting
- Locking, Large Red Enclosure, 16 x 25” reversible door, with 14.25” x 25” base (flush or surface mount.) Houses up to 32Ah battery backup.
- Menu-driven LCD Fire Annunciator (GEMC-FK1) mounts anywhere on bus (Also, full keyswitch support)

GEMC-Integrated 128 Point GEM-C Commercial Integrated. Fire/Burg System Kit
GEMC-COMBO128KT

- 24V Panel, 128 Points via commercial addressable, wireless or conventional fire or burg, devices, 4 on board NACs, 8 partitions (No Loop Isolator/Extender required)
- 7 Amp, 24V Power Supply
- Burg. Module, with power supply with built in bus isolator for complete separation of fire and burg power and battery standby operation (GEMC-BM/PS)
- Built in horn/strobe synch. module on each NAC (Wheelock & System Sensor protocol)
- Built in dual line communicator; dual onboard serial ports
- Quickloader up/downloading including remote smoke obscuration reporting
- Locking, Large Red Enclosure, 16 x 25” reversible door, with 14.25” x 25” base (flush or surface mount.) Houses up to 32Ah battery backup.
- Menu-driven LCD Fire Annunciator (GEMC-FK1) mounts anywhere on bus (Also, full keyswitch support)
Addressable Burglary Systems & Choice of Configurations, Components

GEMC-Integrated 32 Point GEM-C Commercial Integrated Fire/Burg System Kit
GEMC-COMBO32KT

- 24V Panel, 32 Points via commercial addressable, wireless or conventional fire or burg. devices, 2 on board NACs, 8 partitions (No Loop Isolator/Extender required)
- 7 Amp, 24V Power Supply
- Burg. Module, with power supply with built in bus isolator for complete separation of fire and burg power and battery standby operation (GEMC-8M/PS)
- Built in horn/strobe synch. module on each NAC (Wheelock & System Sensor protocol)
- Built in dual line communicator; dual onboard serial ports
- Quickloader up/downloading including remote smoke obscuration reporting
- Locking, Large Red Enclosure, 16 x 25" reversible door, with 14.25" x 25" base (flush or surface mount.). Houses up to 32Ah battery backup.
- Menu-driven LCD Fire Annunciator (GEMC-FK1) mounts anywhere on bus (Also, full keyswitch support)

Napco Commercial GEMC Dedicated Burglary System Kits

96Pt Addressable Commercial Burglary System Kit
GEMC-BURG96KT

- 24V Panel, 96 Points via commercial addressable, wireless or conventional burg. devices, 7 partitions
- Locking, Medium White Enclosure, 16 x 17" door, with 14.25" x 16" base (flush or surface mount.). Houses up to 16Ah battery backup.
- 4 Amp, 24V Power Supply
- Addressable SLC Burg Module, supports up to 96 addressable SLC burg devices (GEMC-8SLC)
- Built in dual line communicator; dual onboard serial ports
- Quickloader up/downloading
- Menu-driven LCD Burglary Keypad with built-in 4 zone EZM, mounts anywhere on bus (GEMC-BK1)

GEMC-ADBGR128 128pt GEMC Addressable Commercial Burglary System Kit, as above.

GEMC-ADBGR255 255pt GEMC Addressable Commercial Burglary System Kit, as above.

12VDC Burglary Power Supply for GEMC and Gemini Panels

GEMC-12V2PS-R 12VDC

- Powered by supplied 16.5V, 50VA plug-in transformer,
- Supports 2ea. 12V, 7Ah standby batteries.
- Backward compatible with all standard Gemini Panels, not as shown.
- Alarm Panel supervised power option

Note: Also available, Fire Bus Model with Direct 120VAC connection, model GEMC-12V2ASP-CF 12VDC

Add-on Napco Commercial Access option, see page 4

Wireless, UL Commercial, Peripherals

GEMC-REVC Wireless 255 point RF Receiver (4/system, max.)

GEMC-WL-SMK Wireless Smoke, Photoelectric

GEMC-WL-HEAT Wireless Heat, 135°F

GEMC-WL-WD Wireless 1-pt input module

GEMC-WL-WD2 Wireless 2-input module

GEMC-WL-PIR Wireless 50' PIR

GEMC-WL-DT Wireless 40’ Dual Techy microwave/PiR

GEMC-WL-GB Wireless Glassbreak

Wireless Gemini Commercial Carbon Monoxide Detector

GEMC-WL-CO, is a high-quality carbon monoxide (CO) detector with built-in supervised, digitally coded wireless transmitter and visual and audible alarm and low battery indicators. Designed for detection accuracy and reliability, it’s part of both the Gemini and Gemini Commercial Grade wireless lines, and supported by Napco’s GEM-RECV and Commercial GEMC-RECV Series Supervised Receivers, as part of GEMINI, GEMC & Firewolf Alarm Systems. This compact, white detector, with 5-3/8 diameter and 2" profile, uses a 3V Lithium Battery (CR123A) for long dependable product life. It will monitor alarms, restores, low battery, tamper and status, and is designed to meet or exceed today’s rigorous life safety compliances, including testing to sensitivity limits specified in UL 2075, UL 2034.

Commercial Burglary Accessories and Options


GEMC-BLSC Addressable SLC Burg Module, supports up to 128 addressable SLC burg devices. Up to 2 connect to GEM-C panel.

Burglary Peripherals

GEMC-BK1 LCD Burglary Keypad for Integrated. System, with 4-zone EZM built in (Requires GEMC-8M or BM/PS Module.)

GEMC-BLSC-4PT Addressable SLC 4 point input expansion module

GEMC-BLSC-1PT Addressable SLC 1 point input expansion module

GEMC-BLSC-DT Addressable SLC Commercial Dual Tech Microwave/PIR, 40 x 40’

GEMC-BLSC-PIR Addressable SLC Commercial PIR, 50 x 50’

GEMC-BLSC-RLY Addressable SLC Commercial 1 point output module

GEMC-KOTAMPERKT Mercantile Tamper Kit, for large panel enclosures, supervised. (Not necessary if housing is recess-mounted.)

For Commercial Fire Peripherals & Options, see Firewolf section pg 3
**Advanced photoelectric smoke detectors**

Proven to more accurately detect a wide range of fire types and to reliably, outperform conventional photoelectric detectors. Detects virtually all types of fires including paper, wood, gasoline, polystyrene, and smoldering fires.

**FW-2 WIRE**
- Low Profile
- RF/Transient Protection
- Two built-in power/sensitivity/alarms LEDs
- Non-directional smoke chamber
- Vandal resistant security locking feature
- Removable smoke labyrinth for cleaning or replacement

**FW2H ALSO AVAILABLE WITH HEAT SENSOR**
- With built-in thermal heat sensor for more fire codes requiring 135 degrees F fixed

More sound in fire...

Firewolf 2-Wire Smoke Detectors with built-in 85db sounder and Line Reversal Module

**FW25** Smoke Detector with built-in sounder

**FW-RM1** Reversal Module

**Firewolf Conventional Fire / Lifesafety Devices**

Advanced photoelectric smoke with built-in thermal heat detector

**FW2-H 2-WIRE WITH HEAT**
- Built-in thermal heat sensor for more fire codes requiring 135 degrees F fixed

**FW4-H 4-WIRE WITH HEAT**

Same features as FW-2 & FW-4 plus –

Conventional pull stations

**FWC-CNVT-PULL** Conventional Single Action Pull Station, with Hex Reset

**FWC-CNVT-PULLK** Conventional Single Action Pull Station, with Key Reset

**FWC-CNVT-PULL2** Conventional Dual Action Pull Station, with Hex Reset

**FWC-CNVT-PULL2K** Conventional Dual Action Pull Station, with Key Reset

Note: Photo may differ slightly from actual item.
StarLink Communication Technologies Solutions: Intrusion Alarm Applications

See all StarLink models by application and feature pg 10

StarLink

Napco StarLink Alarm Communicators for Universal Cell &/or IP Reporting - Sole or Dual Path Models

- Universal – Work on ALL panels and applications
- Report to any Central Station via dial-up or IP
- Work with all Contact ID and 4/2 reporting formats
- Nationwide Coverage AT&T or Verizon CDMA – Works even in fringe areas
- Full data primary or backup reporting
- Easiest, fastest installation & activation with auto-dialer capture
- Powered by Panel, low current 71mA. (No separate power supply required.) Mercantile Models also available in locking metal enclosure.
- Available in Canada on AT&T® Network
- Generous Tradeup Incentive Offer on unlimited radios, ALL models

SPECIFICATIONS, STANDARD MODELS

- Dimensions: 5-3/8”x 7-7/8”x 1-7/8” (HxWxD)
- Weight: 13.5 oz.
- Three hardwire trigger inputs
- Three PGM outputs, open collector, 3V (active), 50 mA (idle)
- Operating Temperature: 0 to 49˚C
StarLink Communication Technologies Solutions: Commercial Fire Alarm Applications

StarLink Fire™
StarLink Fire™: Meet Fire Code & Replace Leased Phonelines with Commercial Fire Alarm Communicators

UNIVERSAL SOLE & DUAL PATH CELLULAR &/OR IP, STANDARD & MERCANTILE MODELS

- NFPA 72/UL-Compliant Commercial Fire Alarm Reporting for any brand 12V-24V panel / FACP using Contact ID or 4/2
- New Dual Path Models for IP & Cellular Communications
- Communicate critical life safety alarm reports on reliable, cyber-protected multibillion-dollar cellular nationwide networks for maximum security & liability protection
- Full data, primary or backup, Verizon Network Certified® or AT&T® Networks; Cellular &/or IP, standard or mercantile models
- Economical service plans to meet any code

See all StarLink models by application and feature pg 10

SPECIFICATIONS, STANDARD MODELS

- Dimensions: 5-3/8"x 7-7/8"x 1-7/8" (HxWxD)
- Weight: 13.5 oz.
- Three hardwire trigger inputs
- Three PGM outputs, open collector, 3V (active), 50 mA (idle)
- Operating Temperature: 0 to 49˚C
- 12V - 24V Universal FACP Support

StarLink Connect™

Connect with Today’s Smart Cellphone-Centric Consumers

Connect to Report Alarms on Nation’s Most Secure Multi-Billion Dollar Networks

Connect All at Once, with All in-One Solution:

FIVE-IN-ONE:

1. Universal Dual Radio: IP &/or Cellular Alarm Dual Reporting
2. Full Support for Growing List of Major Panels & Brands, Full Up/Download, Full Bus Communications Data
3. Full Virtual Keypad Smart App, Mirrors the Real Keypad on the Wall
4. Full Bus-Based SMS/MMS Notifications Powered by iBridge
5. “Z-Option” adds Z-Wave Device Control for Connected Home & Scenes

See all StarLink models by application and feature pg 10

One and Done: Takeover & Connected Home Upgrade for Virtually Any Account:

- Upgrade Accounts’ Alarm Reporting from older networks to choice of Verizon Network Certified or AT&T
- Generous Trade-up Incentive available when you upgrade from old radios, networks or landlines see napcosecurity.com/starlink
- Upgrade/Takeover Virtually Any Existing Alarm System – Provide the Very Latest Features & the Smartphone Remote Interactive Control Today’s Consumers Want
- Use with Your Favorite Panel Brand(s) & Any Central Station
- Choice of Verizon Network Certified® or AT&T® Network Models, for reliable life-safety reporting on Nation’s multibillion-dollar cellular networks for maximum security & liability protection
- Easy Installation in Minutes & Real Equipment Cost Savings – 5-in-1 Functions from One Unit
- Full Remote Up/Downloads with Top Brands’ Original Panel Program
- Smart Remote Virtual Keypad & SMS/MMS Text & Live Video Notifications using any/all keypad bus activities & events - Powered by iBridge® (App on iTunes® & Google Play®)
- “Z-Option” Models also include Built-in Z-Wave Device Control

PLUS Get Support for Any Brand/Any Panel:

Add radio, remote On/Off App, SMS Messages & Connected Scenes upon Arming/Disarming with Z-Wave control to any/all panels with keyswitch input (requires Z-model)***

*Note: Universal Communications support for Any Panel Brand Communicating in Contact ID or 4/2. For growing list of competitive panels with full StarLink Connect up/download/bus-data support, by-model scan QR code side. Note: Z-Wave device/scenes support requires StarLink Connect “Z” model.

*** Support of On/Off App, SMS & Connected Scenes upon Arm/Disarm with Z-Wave available for any/all panel brands with keyswitch input. Specifications and promotions are subject to change without prior notice.
<table>
<thead>
<tr>
<th>StarLink</th>
<th>Sole Path or Dual Path</th>
<th>Application/Code</th>
<th>Universal Panel Alarm Reporting</th>
<th>Uses Any Central Station</th>
<th>Powered by Panel</th>
<th>Full Panel Up/Downloading</th>
<th>Special Features</th>
<th>Choice of Service</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>
SMS and/or MMS Text Notifications with Video Alerts - Reminders, Confirmations & Exceptions. Supports all phone types

Solve any issues they’re notified of with iBridge remote Connected Home Services (lock/unlock the door, arm the alarm, adjust HVAC, shut off lights, etc)

Show what was happening, both before and after the alarm or event, with Live Video Alerts incldg 10-Sec. Pre- and Post-Event Video Clips. Go-Live option, too.

Broadband-based, Multimedia Technology for Hi-Res 20FPS VGA Live Video delivered right on their mobile devices (w/o logging in elsewhere)

Consumers Easily Select & Customize the Notifications they Want & Who Gets Them

More Intelligent EZ Messages-Created from any system activity on the panel bus:

Zone, or group of triggers, time, user, alarm, event or grouped events, in easy terms, e.g, door unlocked, security system disarmed (or not), gun-or liquor-cabinet opened, dispensing meds. (or lack of), kid (name here) returned home, HVAC low temp alert, side pool gate ajar.

Backward-Compatible. For New & Retrofit Gemini or iBridge Accounts

Add on with choice of iBridge Z-Remote Modules or StarLink Connect

With StarLink Connect, add Messenger Notifications to any brand panel using bus-data or keyswitch input (for more see pg 9)

iBridge Messenger SMS/MMS Notifications & Reminders is a selectable option for the connected home service on www.napcocomnet.com.

If there’s an alarm in progress, get a text message, and a video clip to click on, to see what’s going on

Know when the pool gate is opened, while no one should be there. See who is, with a click right in the message....

Set worries aside, knowing, even seeing for yourself, dad took his meds on time, or the kids came home from school safe and sound, and get notified with a text, if they didn’t.
Connect Better with Accounts & Prospective Customers

**Security**

Now it’s easy and affordable for your customers to add remote control of their security system by taking advantage of iBridge Connected Home Services and Messenger SMS/MMS Notifications.

**Video**

Your customers can easily check up on their home, their loved ones and valuables, and see what’s actually happening in the event of an alarm with live MMS Video alerts.

**Locking**

Now your customers don’t have to worry if they left the door unlocked or the garage door open. They can have complete remote control over all the entry points to their home.

**Appliances**

Once programmed your customers can remotely control their appliances using the iBridge system with their smart phone or tablet.

**Climate**

Control thermostats automatically, and on-the-go with iBridge’s easy to use mobile app, your customers can always come home to a comfortable environment.

**Scenes**

Your customers can program different lighting and thermostat settings to have them set exactly how they want them with their changing moods.

**Lights**

Have your customers take control of their energy use by controlling their lights automatically and on-the-go.
Minimize Equipment and Costs:

STARLINK CONNECT Z-MODEL W/ BUILT-IN Z-WAVE HUB

- Economical 5-in-1 unit for easy, quick installation and low equipment cost
- Full Compatibility: Dual Path Radio, Virtual Keypad, Up/Downloading, Text/Video Notifications & Z-Wave Scenes powered by iBridge on Napco, Honeywell®, DSC® Panels and growing list.
- Plus, for any brand panel with keyswitch input - Add Radio, Remote On/Off App, SMS Messages & Connected Scenes tied to arm/disarm events
- Easily economically retrofit virtually any of millions of security systems nationwide - Easy one-and-done migration path to easily upgrade a dealer's own existing account base or takeover virtually any security system anywhere

OR

IBRIDGE Z-REMOTE MODULE ALSO IN WIFI MODEL

- Adds Remote Services & Z-Wave Device Control in one easy module
- Supports standard Z-Wave Devices and provides superior range

No-Roll Service Calls Via APP

Set up & update systems right from your smart device for No-Roll™ service calls with the iBridge App! Advanced Scenes and Schedules, once only for high-end homes - Now made easy and affordable. Plus, they auto-backup to the Cloud. Remote flashable firmware upgrades helps avoid road trips, too.

Preferred Pricing

Become part of the iBridge Connected Home Dealer Program, and take advantage of this rapidly growing, RMR-building category of services and all these benefits, many exclusive to Authorized Dealers

Lead Generating Website

Dealer Program Members get qualified leads targeted specifically within your own local market by using Google Adwords/PPC to connect potential buyers directly with your company and company website, increase image and exposure

Marketing & Coop Program

We'll provide a Turn-Key assortment of Members-Only marketing materials customized for your company- All you need to get started is your completed contract, a high-resolution electronic logo and contact info

Free Training

We'll train you and your team when you need it, and where you need it, nationwide

Service Hotlines

iBridge Connected Home Dealer Program Members can use Members-Only customer service & Tech Support hotlines for speedy care when you need it
iBridge Video™: Affordable Professional Quality Hi-Res. Remote Video – Use alone or integrate with iBridge Connected Home

WiFi Camera Features:

› Put video accounts online in as little as 10 minutes
› Upsell your residential & small business alarm accounts on very affordable video for incremental RMR
› High HD resolution remote video up to 20 frames per second at HD res (1280 x 960)
› 32GB Onboard HD video storage, for up to 7 days, viewable from App or online.
› Choice of new cameras, including outdoor dome model, all including one year of subscriber service. (See models pg xx)
› New outdoor dome camera with choice of WiFi or POE connectivity and mounting options for wall, ceiling or eave. Ingress protection & vandal resistance, IP67, IK10.
› No dedicated wireless access point required
› Easiest 802.11 camera enrollment: Scan QR code, name camera and enroll in seconds
› Free Apps for standalone remote video or as part of iBridge Connected Home (including integral review of optional IVR archived video) on iTunes® and GooglePlay®
› Cameras support full duplex, 2-way audio through App – Talk to premises live (excludes outdoor dome camera model).

Or, Use Your Own Analog Cameras with Single Channel Gateway option.
Plug in CAT5 cable into router and simply enroll into network converting analog data into high-quality IP.

INTERNET VIDEO RECORDER OPTION
Continuously record and store 90 days of video from up to six cameras with model IVR-IT for 1 Terrabyte of storage or model IVR-4T for 1 year of storage, or 4 Terrabytes. All viewable online or via iBridge Video App (above).

High HD resolution remote video online or on a smart device up to 20 frames per second at HD res (1280 x 960).
## iBridge Video™ Wi-Fi IP Indoor & Outdoor Cameras for Remote Video

<table>
<thead>
<tr>
<th>Model</th>
<th>WiFi Fixed Camera</th>
<th>WiFi P/T Camera</th>
<th>WiFi Mini Dome Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISV2-CAM</td>
<td>2.4GHz</td>
<td>2.4GHz</td>
<td>2.4GHz</td>
</tr>
<tr>
<td>WiFi IEEE 802.11 b/g/n</td>
<td>2.4GHz</td>
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<td>2.4GHz</td>
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<tr>
<td>Hi-Def. Image Sensor</td>
<td>1/3” 1.3MP CMOS</td>
<td>1/3” 1.3MP CMOS</td>
<td>1/3” 1.3MP CMOS</td>
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<tr>
<td>App for Integrated Video as a part of Connected Home</td>
<td>iBridge® App (iTunes/GooglePlay)</td>
<td>iBridge® App (iTunes/GooglePlay)</td>
<td>iBridge® App (iTunes/GooglePlay)</td>
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<tr>
<td>iBridge Messenger, Video Notifications, MMS</td>
<td>MMS live pre/post video clips sent as Push Notifications to mobile App</td>
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<td>MMS live pre/post video clips sent as Push Notifications to mobile App</td>
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### Special Features
- PIR w/ 19.7° Range: PoE-Ready
- 2.8mm/2.2: 3.6mm/F2.1: 2.8mm/F2.0
- 92°: 72°: 92°
- Auto ICR: Auto ICR: Auto ICR
- DWDR: DWDR: DWDR
- 32.8° (10m): 32.8° (10m): 98.4 (30m)
- H.264: H.264: H.264
- 1.3MP (1280x960): 1.3MP (1280x960): 1.3MP (1280x960)
- 25fps@1.3MP: 30fps@1.3MP: 30fps@1.3MP
- Yes: Yes: Yes
- Pan 0°-360°; Tilt 0°- 90°; Rotation 0-355° (fixed)
- Pan 0°-355°; Tilt 0°- 90°; Pan 0°-355°; Tilt 0°- 90° (fixed)
- True 2-Way, Built in Mic/Speaker: True 2-Way, Built in Mic/Speaker: n/a
- 32GB: 32GB: 32GB
- White/Gray: White/Smoke: White/Clear
- Wall/Ceiling/Eave: Wall/Ceiling/Eave: n/a

### Other Available Accessories
- 4-Port or 8-Port PoE Switch
- CE, UL, FCC: CE, UL, FCC: IP67, IK10
- 14°~113°F, Less than 95%RH: 14°~113°F, Less than 95%RH: 120°C to 50°C, 14°F to 122°F
- DC 12V: DC 5V2A: DC 12V
- 5.5oz: 7.76 oz: 1.2lbs

### Ordering Information for iBridge Video Wireless Cameras & Accessories

**iBridge Video™ Wi-Fi Hi-Def. Fixed Camera with built-in PIR, true 2-way audio built in mic/speaker and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, fast-connect, up to 20/30 fps 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications on smart mobile devices with 10 second alarm/event alerts. White/Gray styling, Shelf or wall mount. 5x 3 x 3.25" Includes power supply and mounting hardware. Use as standalone remote video with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. subscriber service. (Supports all current wireless routers – no special WAP required.)**

**ISV2-POE-8P** 8 Port PoE Switch, optional accessory for ISV2-DOME camera, as above, but includes 8 ports.

**iBridge Video™ Wi-Fi Hi-Def. Indoor/Outdoor Dome Camera with POE option and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, ingress & Vandal-Protected Weatherproof camera (IP67, IK10) for wall, ceiling or eave mounting. Professional grade, fast-connect, up to 30 fps 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications on smart mobile devices with 10 second alarm/event alerts. White/Clear styling 4.33" x 3.19". Includes power supply and mounting hardware. Also see optional Mounting Bracket and Round Waterproof Junction Box and optional 4- or 8-Port POE Switch. Use as standalone remote video with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. subscriber service. (Supports all current wireless routers – no special WAP required.)

**ISEE-IVR-4T/12** Optional Four-Terrabyte Internet Video Recorder, 8 Channels Fully supervised; an ideal replacement for old DVRs, plus a new RMR stream. Provides full time HD 720P (1280x960) recording of up to 4 cameras for at least 180 days with full review and easy search functions H.264/MJPEG video compression, HDMI, VGA display, 1x100M Port Ethernet, also includes USB 2.0 Ports for backing up video to USB 2.0. DC12V/2A power supply (included). Includes 12mos. subscriber service.

**iBridge Video™** Wi-Fi Hi-Def. Indoor/Outdoor Dome Camera with POE option and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, ingress & Vandal-Protected Weatherproof camera (IP67, IK10) for wall, ceiling or eave mounting. Professional grade, fast-connect, up to 30 fps 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications on smart mobile devices with 10 second alarm/event alerts. White/Smoke styling, Shelf or wall mount. 3.7 x 3.7 x 3.7". Includes power supply and mounting hardware. Use as a stand-alone remote camera with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. subscriber service. (Supports all current wireless routers – no special WAP required.)

**ISV2-DOME** WiFi Hi-Def. Indoor/Outdoor Dome Camera with POE option and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, ingress & Vandal-Protected Weatherproof camera (IP67, IK10) for wall, ceiling or eave mounting. Professional grade, fast-connect, up to 30 fps 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications on smart mobile devices with 10 second alarm/event alerts. White/Smoke styling, Shelf or wall mount. 3.7 x 3.7 x 3.7". Includes power supply and mounting hardware. Use as a stand-alone remote camera with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. subscriber service. (Supports all current wireless routers – no special WAP required.)

**ISV2-POE-4P** 4 Port PoE Switch, optional accessory for ISV2-DOME camera, above. Two-layer industrial POE switch, MAC auto study and aging. MAC address list capacity is 8K. Support IEEE802.3af, IEEE802.3af standard.

**Note:** iBridge Video Camera styling subject to change without prior notice.
Gemini iRemote Virtual Keypad Module & App: Easy affordable remote security system control.

**iRemoteMod/12**

- Remote keypad access anywhere, works & looks like any Gemini keypad model.
- Supports all Gemini model panels and keypads
- Remote control Gemini Virtual Keypad with Free 12-months account access on Free custom dealer web site
- Simply wire iRemote™ Module on the panel's keypad bus.
- Exactly mirrors keypad on premises for easy 24-7 control via web and PC or smartphone
- 100% full-function "keypad" for easy remote troubleshooting without making a service call

**Wiring of iRemote Module on Keypad Bus**

- Bonus functionality - Up/download to panels via internet in just seconds; alarm reporting to central station via internet
- Free downloadable apps from iTunes & Google Play
- Panel Compatibility GEM-X255, GEM-P9600, GEM-P3200, GEM-P1664, GEM-P1632, GEM-P816

**Ordering:**

- iRemoteMod/12 Module with 12 months subscriber access, included
- iRemote64Pak with GEMP1664 4-Area Panel, Talking GEMK1VPS Keypad and transformer, and iRemoteMod/12.

"My Remote Keypad" App on iTunes & Google Play
Smart Keypads to Smart Homes: Gemini Makes it All Simple

Smart Phone, Smart Home & Touchscreen Control, too

Door-style keypads

**GEM-DK1CA**
- Contemporary, pure black and white styling
- Door covers keys for cleaner lines & prevents unwarranted use
- Bright blue backlit custom LCD display & alphanumeric zone directory
- Blue backlit keys brighten to the touch and feature easy stay and away functionality
- Built in 4-zone expander
- 3 built in panic buttons
- Familiar Napco operation, identical usage and programming to GEM-K1CAe2
- Distinctive new look distinguishes dealers from competitive alarm companies

*(Also available in digital model GEM-DK3DGTL, shown left)*

Talking, Multifunction Keypad with voice assist, UL siren & pet PIR built in

**GEM-K1VPS**
- For use with GEMP1664 and GEMP1632 Panels, for 64 or 32 user codes, each
- Talking voice prompts (adjustable volume)
- Large blue custom alpha display
- Built-in 88db burg/fire alarm siren (temporary hush mode)
- Built-in wide-angle 25’ pet PIR and smart occupancy sensor
- Supports event log viewing
- Optional temperature display (with GEM-TEMP64 module) (see Gemini Accessories pg. 23)

New Dim Mode for Bedrooms, etc.
Custom alphanumeric keypads

**GEMK1CA AND GEMRP1CAE2**
- Deluxe 32-character backlit, menu-driven, dual-line display
- Custom alphanumeric zone directory
- Built-in 4 Zone expansion module
- Display of wireless transmitter signal strength 1-10
- EZ Keypad Programming2 with actual Q&A’s
- Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant (hold-down) with the GEMK1CA. Traditional interior and instant keys with the GEMRP1CAe2
- Large soft touch backlit keys with tone
- Backlit displays for easy reading
- Wireless transmitter signal strength indication
- Fire, police and auxiliary programmable panic keys
- Fingertip reference chart

Alpha/symbol keypads

**GEMK2AS AND GEMRP2ASE2**
- Unique backlit, combination alphanumeric and symbol display
- Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant key (hold-down) with the GEMK2AS. Traditional interior and instant keys with GEMRP2ASE2
- Large soft touch backlit keys with tone
- Backlit displays for easy reading
- Wireless transmitter signal strength indication
- Decor friendly soft white design
- Fire, police and auxiliary programmable panic keys
- Fingertip reference chart

Keypad with built in wireless 32 pt. Gemini RF receiver

**GEMK4RF**
- Built-in 32 Point Gemini wireless receiver for labor-saving convenience
- Large backlit, fixed English display
- Proven crystal-control wireless performance
- Supports all Gemini transmitters
- Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy “instant” (hold-down)
- Large soft touch backlit keys with tone
- Wireless transmitter signal strength indication
- Decor friendly soft white design
- Fire, police and auxiliary programmable panic keys
- Matching keypad without-receiver GEMK4

Digital keypads

**GEMK3DGTL AND GEMRP3DGTL**
- Vivid dual 7-segment digital display keypad
- Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant (hold-down) with the GEMK3DGTL. Traditional interior and instant keys with the GEMRP3DGTL
- Large soft touch backlit keys with tone
- Backlit displays for easy reading
- Wireless transmitter signal strength indication
- Decor friendly soft white design
- Fire, police and auxiliary programmable panic keys
New iBridge Touch Series Touchscreens. Wireless WiFi or Hardwire LCD Models

**IBR-TOUCH TOUCHSCREEN (HARDWIRE MODEL)**

- Touchscreen GUI for Use with Gemini Panels
- Wall-mounted touchscreen control of security system and more
- WiFi or Hardwired models
- 7" Color full-screen TFT high-resolution capacitive display (1024 x 600)
- High-speed Quad-Core processor
- Provides full Gemini Keypad Security functions, in GUI or conventional keypad mode.
- Thin, slim profile
- Optionally integrates with iBridge Smart Automation &/or iBridge Video Camera viewing
- All integral LCD Keys for clean appearance
- Powered by panel or 12V plug-in transformer

**IBR-TOUCH-WL TOUCHSCREEN (WIRELESS MODEL)**

- Simple 2-button Arm/Disarm operation with LED indicator; optional panic
- Door-styling, conceals keys
- Multilingual, vivid LED symbol & numeric display
- RPX-6 supplied with XP600; RPX-4, with XP400

**Gemini BioReader Outdoor Digital /Fingerprint Keypad**

**GEM-BIOREADER/MS**

- Indoor/outdoor digital keypad with a highly-advanced and accurate optical biometric fingerprint reader for integrated control of any Gemini security system or as state-of-the-art standalone access control use for alarm systems, garage door operator control, lighting, etc. with relay activation.
- Increases the security of the system
- Biometric ambush feature sends silent alarms. Use pre-selected and enrolled finger to silently call the police during push ins and robberies
- Convenient for consumers- No keys or cards to carry, no codes to memorize and remember
- Eliminates code pass-along. With children or employee-turnover - you can’t pass along a fingerprint!
- Users. System supports 100 biometric fingerprints, that can be mapped to Panel User Codes for logging who armed/disarmed.
- Supervised (e.g., reports if unit is ripped from building)
- Durable metallic silver powder-coat finish.
- Residential applications Keyless use ideal for children; Memory-free for elderly; Easy Residential alarm and garage door control.
- Commercial applications such as gate control and parking lot access; restricted access to sensitive pharmaceuticals, weapons, supplies and more.

800-Series’ classic custom alphanumeric keypad with stay & away keys

**GEMRP8LCD**

- Deluxe 32-character backlit dual-line custom alpha display & directory
- Built-in 2 zone expansion module
- Display of wireless transmitter signal strength

**GEM-K800 and GEM-RP8 numeric LED keypads**

- Backlit keys and vivid red LED numeric display
- Traditional-key style GEM-RP8 supplied with GEMP801/P800
- Stay & Away version GEM-K800 available

**Express LED/Door Keypads (for Express panels only)**

- RP-X6 & RP-X4

**Universal Keyfob Receiver Kits**

- Bi-directional LCD keyfob compatible with all major alarm panel brands

**2WAY-UNIVKFKIT**

- Bidirectional keyfob with LCD status icon display and sounder.
- System Status is indicated on its LCD display with 8 intuitive icons (a lock, a house, a flame, etc.) plus corresponding audible beeps
- Universal panel compatibility with most major control panel brands, using bus or keyswitch input (including bus operation on NAPCO’s Gemini & Magnum plus Honeywell)
- Complete kit with dedicated 2-way Keyfob Receiver and one fob in 2WAY-UNIVKFKIT; or add on up to 6 more fobs, sold separately 2WAY-UNIVKF

**Universal value keyfob... works with any alarm panel brand with keyswitch**

**UNIVKIT1**

- Simple 2-button Arm/Disarm operation with LED indicator; optional panic
- Works with all control panel brands with keyswitch input
- Long range yet compact
- Complete kit with dedicated Keyfob Receiver (1-way) and one fob in UNIVKIT; or add a second keyfob (max. 2), sold separately **UNIVKF1**
Gemini X255 is the expansive hardwire/wireless control offering 255 fully-programmable zones, 195 users, fuseless operation & supports the full line of top performing Gemini Wireless

**FEATURES:**
- Wide choice of designer keypads for every application and budget
- iBridge App & Touchscreen/Tablet for integrated security, climate, lighting or video control or iRemote Virtual Keypad App for smartphones/devices
- Control4® Certified SDDP and Ethernet integration
- C4 Controller can seamlessly use all Napco Bus detected activity for triggering home automation.
- Support all major communication formats plus internet & StarLink Wireless Radios, universal primary/backup communicator (hi-speed up/downloads from Gemini Panels)
- Up/downloading, including unique PC-preset unattended method
- EZ-Programming mode at keypad
- Choice of Gemini RF receivers & transmitters
- Multi-stage lightning protection
- Event log with open/closes suppression
- Telco line cut supervision
- Fuseless, maintenance-free operation
- Transformer, supplied

Gemini P9600, a popular, all-around 8 zone hybrid control expandable to 32 zones or 48 wireless points

**FEATURES:**
- 8 to 96 hardwire zones/points
- Including 2 2-wire fire zones
- Up to 96 user codes
- Auto arm/disarm
- 255 Event scheduler
- GEM-ACCESS access control compatibility
- Support all major communication formats plus internet & StarLink Wireless Radios, universal primary/backup communicator (hi-speed up/downloads from Gemini Panels)
- Up/downloading, including unique PC-preset unattended method
- EZ-Programming mode at keypad
- Choice of Gemini RF receivers & transmitters
- Multi-stage lightning protection
- Event log with open/closes suppression
- Telco line cut supervision
- Fuseless, maintenance-free operation
- Transformer, supplied

Gemini P3200, a popular, all-around 8 zone hybrid control expandable to 32 zones or 48 wireless points

**FEATURES:**
- 8 to 32 hardwire or wireless zones/points
- Expandable using 8-zone GEM-EZM8 expansion modules
- Up to 96 fire zones, with 8 2-wire fire zones
- Up to 8 areas
- 1 On-board programmable lug
- Up to 4 RF receivers
- Up to 15 keypads
- Up to 2 interior bypass groups
- 800 Event log
- Auto arm/disarm
- 255 Event scheduler
- EZ-Programming mode at keypad
- Choice of Gemini RF receivers & transmitters
- Multi-stage lightning protection
- Event log with open/closes suppression
- Telco line cut supervision
- Fuseless, maintenance-free operation
- Transformer, supplied

Gemini Security Systems: Flexible and more options than ever
Gemini Security Systems: Remote services, Apps, optional WiFi touchscreen & cellular communications

GEMP3200 cont’d

- Fuseless, maintenance-free operation
- 3 On-board relay outputs; expandable to 24
- 1 On-board programmable lug
- Up to 2 RF receivers
- Up to 7 keypads
- Interior bypass groups
- 800 Event log
- Auto arm/disarm
- 255 Event scheduler
- GEM-ACCESS access control compatibility

Gemini P1664, 4-area hybrid panel with 8-64-zones of power, supports all keypads plus talking multifunction keypads with built in siren & pet PIR

FEATURES:
- 8 to 64 hardwire or wireless zones
- Up to 64 fire zones, with 2, 2-wire fire
- Up to 64 user codes
- Up to 4 areas
- 400 event log; viewable at custom alpha keypads
- Up to 2 RF receivers
- EZ Programming at keypad and Auto Arm
- Supports up to 7 keypads: all standard Gemini Keypads and/or talking, multifunction GEM-K1VPS (may be intermixed)
- Supports 3 outputs; expandable up to 16 external outputs (RB/RM3008)
- 2 PGM outputs
- 1 interior zone group; 2 prog. chimes by zone;
- SIA CP01 features

Gemini P1632, ultra-popular hardwire/ wireless control panel with partitioning easy to standardize for both residential & light commercial applications

FEATURES:
- 8 to 32 hardwire zones/points
- Including 2 2-wire fire zones (7,8)
- EZ programming at keypad
- Up to 32 user codes
- Up to 2 areas
- Supports up to 7 keypads and/or talking, multifunction GEM-K1VPS (may be intermixed)
- 3 On-board relay outputs; expandable to 8 relay outputs
- Up to 2 RF receivers
- Interior bypass groups
- 400 Event log
- Auto arm

Gemini P816, an economical hardwire/ wireless control panel that works seamlessly with all standard Gemini keypads and wireless

FEATURES:
- 8 to 16 hardwire zones/points
- Including 2 2-wire fire zones
- Up to 16 user codes
- Supports up to 7 keypads
- EZ Programming at keypad
- 256 event logging
- Supports 2 Gemini receivers
- Interior bypass group
- Auto arm
- 3 Outputs

Gemini P801, economical 9 zone hybrid with your choice of numeric or custom alpha keypads

FEATURES:
- 9 Programmable zones: 6 Hardwire or wireless zones plus 2 wireless zones plus 2-wire fire zone
- Use 2 optional zones at GEMRPBLCD custom alpha keypad
- For Control packed with RP8LCD Custom Alpha Keypad, order GEM-P801ALPHA
- For control packed with RP8 Numeric LED Keypad, order GEM-P801
- Uses GEMRECVXP8 wireless receiver
- 8 Independently reporting user codes
- 50 Event log
- Line and bell-cut supervision
- Double reporting & backup reporting
- EZ wire full-size terminal strips

Gemini P800, ultra-affordable hybrid control includes numeric keypad and 6 zones plus fire and panic

FEATURES:
- 8 programmable zones, including 2-wire fire zones
- Up to 16 Gemini wireless points: 8 wireless points from your choice of Gemini PIR, window/ door & glassbreaks
- Up to 4 Gemini wireless smoke detectors and 4 GEMKEYF fobs
- 8 individually reporting user codes
- Supports up to 4 GEM-RP8 keypads &/or 2 wireless receivers (GEM-RECVXP8)
- Supports GEM-RBLCMD/K800 Custom Alpha Keypad
- Includes control, Numeric LED Keypad and transformer

Gemini Accessories

GEM-EZM4/8 EXPANSION MODULE
- Economy 4 to 8 zone expansion module supports GEM-P816, GEM-P1632 & GEM-P1664

GEM-EZM8 EXPANSION MODULE
- Eight-zone expansion module (for all expandable GEM panels. Audible find mode)

IBRIDGE REMOTE-Z-WAVE MODULES
- IBR-ZREMOTE (HARDWARE MODEL)
- IBR-ZREMOTE-W (WiFi MODEL)

- For Use with Gemini Panels
- Use with iBridge Connected Home App (Free in iTunes and Google Play)
- Adds Remote Services & Z-Wave Device Control in one easy module
- Supports standard Z-Wave Devices and provides superior range
- Choice of models - Connect with hardwire or WiFi for simple installation
- Include 12 Mos. Subscriber Service

IREMOTEMOD/12

Gemini Virtual Keypad module provides a mirror-image, fully-functional, remote control keypad on a on any PC or smartphone online anywhere in the world (free apps for all smart devices.) Module simulates real keypad model at physical premises and simply wires on GEM-Panel’s keypad bus. (see page 17)

GEM-TEMP64

Indoor/Outdoor Temperature Sensor provides Temperature Display at any Gemini Alphanumeric Keypad in a GEMP1632 and GEMP1664 System. Keypad will show Temperature in display, from -30 to 60C or -22 to 140F (replacing “Date” on keypad-display), e.g., GEMK1VPS, GEM-DX1CA, GEM-K1CA, GEM-RP1CAe2. Module is mounted inside or outdoors, to display either the temperature outside or inside room temperature.

GEM-PRINT

- Module that enables Gemini system activity to print to an on-site parallel printer
- For use with GEMP816 to X255 Controls

Express Systems with multilingual LED XP keypads

XP4000WK, XP6000WK, RESPECTIVELY
- Feature-rich programmable zones:
  - 4 in XP400 -or- 6 in XP600
- Support all Gemini wireless transmitters
- Using Gemini GEM-RECVXP8
- Includes multilingual LED keypad (suffix –SN for Spanish language zone dir’y); RP-X4 for XP400 or backlit RP-X6 for XP600
- Keyfob support: 2 or 4, respectively
- Plus 4 or 8 pts, respectively, for RP points from choice of PIR, window/door & glassbreaks
- Plus XP600’s 2-wire fire zone also supports 4 wireless Gemini smoke detectors
- 4 or 6 Individual user codes, respectively
- Available in 4-Paks with 4 keypads, part no. XP4000/4 or XP6000/4
Napco's crystal-control Gemini wireless products have been proven by an independent testing laboratory to outperform competitive products, with long-range RF reliability, as much as 50% higher than other top brands.

Gemini Transmitters range from keyfobs and panic buttons, to recessed door and surface-mount window/door contacts, to wireless PIR, PIR/pet and dual sensors, and from wireless smokes and glass breaks to heat detectors. Simply put, Gemini's uncommon crystal-control precision and omnidirectional circuitry, ensures the wireless/hardwire systems you provide your customers will dependably deliver the security and trouble-free, peace-of-mind they deserve for many years to come.

Advanced performance Gemini RF receivers

**GEM-RECV-XP8 8 POINTS FOR EXPRESS, P801/800/ P400 PANELS, ONLY**

**GEM-RECV-32 32 POINTS**

**GEM-RECV-96 96 POINTS**

**GEM-RECV-X255 255 POINTS**

- Dual diversity antennas minimize nulls & enhance reliability
- Tamper- and RF-jamming supervision
- Separate programmable supervisory times by device type
- Audible fault-find mode in walk test
- Also, fixed English language keypad GEM-K4RF with built in 32 pt receiver (see keypads section).

Low profile wireless window/door transmitter

**GEM-TRANSLP**

- Ultra compact design, 2.5 x 1 x 0.4 (H x W x D inches)
- Tamper supervised
- Replaceable lithium PL2032 coin cell battery (supplied)
- 5-year battery life, typical
- Magnet and Internal reed switch
- External lead (24” mini connector pigtail) for wiring external devices (jumper-selectable)
- Magnet mounts with either supplied double-face tape or screws (screwtabs easily removable from mounting plate, at score)

**GEM-RTRANS (NOT SHOWN)**

- For recessed use in windows & doors

Wireless Carbon Monoxide Detector

**GEMC-WL-CO**

- For use with Gemini & GEMC Comm'l Grade Receivers GEM-/GEMC-RECV
- 5-3/8 diameter and approx. 2” profile, uses a 3V Lithium Battery (CR123A) for long life
- Monitor alarms, restores, low battery, tamper and status
- UL 2075, UL 2034
Wireless window/door transmitters

**GEM-TRANS2 2-POINTS**
- Soft white, compact, low profile
- Reversible mounting position for left or right handed operation
- Low battery clearly displayed at keypad by zone and transmitter number
- Both models include built-in reed switch, magnet, lithium battery, tamper and terminals

**GEM-TRANS2BRN25**
- Field-changeable brown housings for woodgrain installation (case of 25).

Wireless acoustic glass break detector

**GEM-GB**
- Superior-immunity to false alarms and excellent detection, even through blinds & light drapes.
- Pattern recognition technology—recognizes the actual pattern of glass breaking across the full audio band.
- 25' coverage radius with automatic test for easy installation
- Enduser hand clap sensor verification
- Includes lithium battery, tamper & mounting kit

Wireless Adaptive® dual technology microwave/PIR

**GEM-DT**
- Broad 40’ x 40’ range
- Exclusive Adaptive dual technology for superior false alarm resilience—even from animal/pet activity and optimized catch.
- Active self-test of both sensors
- 5 interchangeable lens patterns
- One button walk-test with auto shut-off
- 3 distinct transmissions for tamper alarm and self-test failure
- EMI/RFI protected with fully-shielded SMD circuitry
- Includes batteries, tamper and mounting screws

Wireless PIR & Pet PIR

**GEM-PIR**
- Broad 50’ x 50’ coverage
- 11 interchangeable lenses
- Signal selective processing
- Auto temperature compensation
- EMI/RFI protected with fully-shielded SMD circuitry.
- Battery-saver feature
- Includes lithium batteries and mounting screws

**GEM-PIRPET**
- As above with 40 lb. pet/animal immunity

Wireless photoelectric smoke detector

**GEM-SMK**
- Designer styling and longer battery life
- Long 5-year battery life, typ. (batteries included)
- Compact 5.2 inch diameter; attractive decorator white
- Built-in silence feature and test button
- Visual LED indicates alarm & standby
- Audible/visual indicator for low battery and need for detector cleaning
- Proven Gemini ™ wireless crystal-controlled transmitter

Wireless keyfob/ emergency pendant transmitter

**GEM-KEYF COMPACT STYLE**
- 4-Button operation: 2 for On/Off of security system and 2 programmable for Aux. functions, e.g. panic, medical, relays or relay groups, instant or X-10 control
- Visual indicator for transmission or low battery
- Includes keyring, chain, replaceable battery, alternate icon key set for automation (lights)

Wireless waterproof panic

**GEM-WP PANIC**
- Waterproof personal panic button
- Worry-free peace of mind
- 1-button operation with tactile feedback click
- Extra-large, soft touch button for trouble-free use even by dexterity-impaired or arthritic hands
How to build a winning Gemini System

Pick a panel

Gemini Panels

<table>
<thead>
<tr>
<th>Panel Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P816</td>
<td></td>
</tr>
<tr>
<td>P1632</td>
<td></td>
</tr>
<tr>
<td>P1664</td>
<td></td>
</tr>
<tr>
<td>P3200</td>
<td></td>
</tr>
<tr>
<td>P9600</td>
<td></td>
</tr>
<tr>
<td>X255</td>
<td></td>
</tr>
</tbody>
</table>

Pick a keypad

Gemini Keypads

<table>
<thead>
<tr>
<th>Keypad Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1CA</td>
<td></td>
</tr>
<tr>
<td>K2AS</td>
<td></td>
</tr>
<tr>
<td>K3DGTL</td>
<td></td>
</tr>
<tr>
<td>K4RF</td>
<td></td>
</tr>
<tr>
<td>K4</td>
<td></td>
</tr>
<tr>
<td>K1VPS</td>
<td></td>
</tr>
<tr>
<td>KRP2ASe2</td>
<td></td>
</tr>
<tr>
<td>KRP3DGTL</td>
<td></td>
</tr>
<tr>
<td>K4RF</td>
<td></td>
</tr>
<tr>
<td>KRP8LCD</td>
<td></td>
</tr>
<tr>
<td>KRP8/K800</td>
<td></td>
</tr>
</tbody>
</table>

Pick a wireless receiver

32 PTS: GEM-RECV32
96 PTS: GEM-RECV96
255 PTS: GEM-RECV255

Choose wireless devices

Gemini Devices

<table>
<thead>
<tr>
<th>Device Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEM-WPPANIC</td>
<td>WATERPROOF PANIC</td>
</tr>
<tr>
<td>GEM-KEYF</td>
<td>KEYFOB</td>
</tr>
<tr>
<td>GEM-TRANSLP</td>
<td>LOW PROFILE WINDOW/DOOR</td>
</tr>
<tr>
<td>GEM-TRANS2</td>
<td>WINDOW/DOOR</td>
</tr>
<tr>
<td>GEM-PIR/</td>
<td>GEM-PIRPET PASSIVE</td>
</tr>
<tr>
<td>GEM-SMK</td>
<td>SMOKE</td>
</tr>
<tr>
<td>GEM-HEAT</td>
<td>DETECTOR</td>
</tr>
</tbody>
</table>
Choose from many available options & accessories.

**Choose alternative communication options**

- **StarLink Intrusion Radios**
  - SLE-GSM-3/4G & SLE-CDMA, etc.
  - + Mercantile Versions
  - Universal Panel Support, Primary or Backup

- **StarLink Sole & Dual Path Fire Communicators**
  - Cell/ or IP SLE-CDMA-FIRE, SLE-GSM-FIRE, etc.
  - + Mercantile Versions
  - Universal 12/24V Panel Support, NFPA 72, UL, CSFM, NYCFD Code Compliance

- **NetLink NL-MOD**
  - 8-Zone internet reporting for Gemini

**Choose Connected Home options**

- **StarLink Connect -Z**
  - TOP BRAND FULLY-COMPATIBLE, DUAL PATH RADIO, VIRTUAL KEYPAD, UP/DOWNLOADING, SMART TEXT & SCENES W/ FULL-BUS DATA & BUILT IN Z-WAVE HUB.
  - ALSO SELECT SUPPORT ANY PANEL W/ KEYSWITCH INPUT

- **StarLink Connect -S**
  - TOP BRAND FULLY-COMPATIBLE, DUAL PATH RADIO, VIRTUAL KEYPAD, UP/DOWNLOADING, SMART SMS TEXT & SCENES W/ FULL-BUS DATA.
  - ALSO SELECT SUPPORT ANY PANEL W/ KEYSWITCH INPUT

- **IBR-ZREMOTE-W**
  - ADDS REMOTE SERVICES & Z-WAVE CONTROL TO GEMINI PANELS W/ Z-WAVE CONTROL HUB.
  - Wi-Fi EASY INSTALLATION

- **IBR-ZREMOTE**
  - ADDS REMOTE SERVICES & Z-WAVE CONTROL TO GEMINI PANELS W/ Z-WAVE CONTROL HUB.
  - HARDWIRED INSTALLATION

**Pick a smartphone, smart device app or touchscreen interface**

- **IBRIDGE HOME CONTROLS APP**
  - FOR ANY SMART PHONE OR DEVICE**

- **IBR-TOUCH SCREEN**
  - (WALL MOUNT HARDWARE MODEL)

- **IBR-TOUCH-WL**
  - (WALL MOUNT WIRELESS MODEL)

- **IREMOTEMOD/12**
  - REMOTE VIRTUAL KEYPAD MODULE FOR ANY SMART PHONE OR DEVICE**

**Pick a panel accessory**

- **GEM-EZM4/8 For P816, P1632 & P1664**
  - ECONOMY 4 TO 8 ZONE EXPANSION MODULE

- **GEM-EZM8**
  - FOR ALL GEMINI EXPANDABLE PANELS * 8 ZONE EXPANSION MODULE

- **RB3008**
  - 8 RELAY EXPANSION MODULE

- **GEM-ACCESS**
  - FOR ALL GEMINI & GEMC COMMERCIAL PANELS ADD ON ACCESS MODULE

**Choose from many available options & accessories**
Napco patented Adaptive® Microwave/PIR Sensors virtually make all other motion sensors, dual technology or otherwise, obsolete. Once they're installed, they're like having a technician on-site, making all adjustments for you 24-hours a day.

These exclusive sensors are the only ones on the market that actively & continuously monitor their environment 24/7, counteracting false alarms and re-sensitizing themselves to continually optimize catch performance. In fact, some models will even notify you if they have been purposely or accidentally blocked or masked.

Ideal in all installations, despite harsh environmental conditions and/or pet/rodent activity, they provide the best protection available from both intruders and false alarms. They pay for themselves with the first service call they prevent.

Patented Adaptive® slimline sensor and long-range version

C100STE & LONG-RANGE MODEL C100STLRE

- C-100STLRE 30’ x 35’ range
- C-100STLRE 50’ x 40’ range

- Proven, patented adaptive technology continuously monitors the environment, counteracting false alarms and re-sensitizing to optimize intruder catch
- Active self-test supervision of both microwave & PIR channels
- Wide array of interchangeable lenses
- Secured cover; tamper-supervised

Commercial Adaptive sensors with mask/block supervision

M7100STE
- 40’ x 40’ range
- Active self-test supervision of both microwave & PIR channels
- Alarm memory with exit/entry delay
- Wrap-around shielded circuitry
- Wide array of interchangeable lenses
- 3’ Dome of Protection™ for anti-masking & anti-blocking supervision
- Secured cover
- Tamper-supervised

M7300STE
- M7100STE features plus:
  - 70’ x 60’ range
  - Tamper switch

Adaptive heavy-duty industrial-strength sensor

M9000STE
- M7300STE features plus:
  - Trio-range from 55’ to 120’
  - EZ aim, positive locking swivel bracket
  - Concealed wiring channel
  - Vandal-resistant industrial/ institutional strength housing
  - 3’ Dome of Protection anti-masking/anti-blocking supervision

Microwave/PIR Detectors continuously adjust to their environment, providing 100lb pet/animal immunity and ultimate reliability & false alarm protection

C200AP WITH P.E.T.™

The best pet immunity for any size animal

- P.E.T. ™, Profile enhanced targeting circuitry provides up to 100lb. (45.36Kg) pet immunity
- 40’ x 40’ maximum broad range
- Compromise-free intruder-catch and false alarm protection – ideal when the pet leaves the room, too. Dynamic adaptive technology literally adjusts to its surroundings minute-by-minute, once the pet vacates the detector again elevates its sensitivity, mode by mode
- Smarter Systems™ panel & sensor integration input
- Superior RFI/EMI lightning protection with wrap-around shielded SMD circuitry
- Twin-Tee fluorescent light interference filter
- Self-test
- 2 Field-changeable lenses supplied
- Range control & auto-temp compensation

Napco Wired Motion Sensors: Decades of innovation inside
Feature-packed advanced passive infrared sensors

Microprocessor PIR with 65lb pet immunity & built-in room-temp alert

**PIR1680PT**
- 45’ x 45’ range
- 65lb pet/animal immunity
- Room-temp alert – temperature monitoring provides auto-alert at 400F - 900 F
- Look-down/creep zone
- D.C.I.D. Technology- detect & compare imaging diagnostics for advanced false and true alarm detection
- Active self test mode
- Exceptional RFI-/EMI/lightning shielding of key components
- Lens bank available, including long range, barrier, and specialty ranges
- Wall or corner mountable
- Tamper supervised
- Form A relay

**PIR1680**
- Standard model as above, but with 20lb. pet/animal immunity

Economical PIR sensor with look-down

**PIR1510**
- 30’ x 30’ broad range coverage
- Attractive, super-compact size
- SSP™ (Signal Selective Processing) for the easiest and most stable installations
- Advanced, EZ-Aim fresnel lenses and lens bank for optimum detection performance
- Long-range, barrier and specialty lenses are available to suit all coverage needs
- Wall or corner mountable, with horizontal and vertical adjust
- EMI-/RMI-/lightning protection with resilient SMD circuitry
- Tamper supervised
- Form A relay

PIR1500 version also available, as above, without look-down/creep zone.

Advanced 70’ PIR

**PIR1710**
- 70’ x 60’ Broad range coverage perfect for both residential and commercial
- Features look-down/creep zone
- SSP™ (Signal Selective Processing) for the easiest and most stable of installations
- Auto temp compensation
- Advanced, EZ-Aim fresnel lenses and lens bank for optimum detection performance
- Wall or corner mountable
- Excellent EMI-/RMI-/lightning protection with resilient SMD circuitry
- Tamper supervised
- Form A relay

**IQ PROFILER™**
- 50lb. pet immunity (22.7Kg) & superior false alarm discrimination with unique dual focal lenses.
- Installation in a snap with patented Quick-Mount and Quick-Wire terminals
- Maximum range: 50’ x 50’
- Quick-catch mode
- Décor white bi-optic contour case and dual focal lenses provide exceptional distance profiling
- Far field lens allows for detection of large objects and ignores small targets nearby
- Near field lens allows for discrimination of small targets nearby
- Shielded high-performance aspheric lenses plus look-down/creep zone
- Sensor chamber prevents insect, draft, and dust interference.
- 20V/m RF-shielded circuitry

For decades, NAPCO’s innovative technology has produced sensors with superior false alarm discrimination. Today NAPCO is a leader in smart PIR technology, P.E.T. immunity, and décor-enhancing design.
## Gemini Alarm Panels

<table>
<thead>
<tr>
<th>Features</th>
<th>GEM-P800</th>
<th>GEM-P801</th>
<th>GEM-P816</th>
<th>GEM-P1632</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Zones On Board</strong></td>
<td>(acts as) 6</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td><strong>Max # Zones</strong></td>
<td>6</td>
<td>9</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td><strong>Zone Expansion</strong></td>
<td>2 Wireless Only Zones</td>
<td>2 Wireless Only Zones</td>
<td>2xGEM-EZM4/8</td>
<td>6xGEM-EZM4/8</td>
</tr>
<tr>
<td><strong>User Codes</strong></td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>User Keypads</strong></td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td><strong># of Keypads, 2 wire</strong></td>
<td>1/2/4 wire</td>
<td>1/2/4 wire</td>
<td>UP TO 16; 2-2-WIRE</td>
<td>UP TO 32; 2-2-WIRE</td>
</tr>
<tr>
<td><strong>Interfaces Supported</strong></td>
<td>4(total) GEM-RP8 RP8LCD or GEM-K800 IREMOTEMOD/12 (Note: iBridge Services NOT supported.)</td>
<td>4(total) GEM-RP8 RP8LCD or GEM-K800 IREMOTEMOD/12 (Note: iBridge Services NOT supported.)</td>
<td>7 (total) GEM-RP1C5Ae2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL or DK1CA DK3DGTL, K4RF, K4 -PLUS- IREMOTEMOD/12; iBridge App or iBR-TOUCH Touchscreen</td>
<td>7 (total) GEM-K1VPS, K1V, RP1Cae2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL or DK1CA DK3DGTL, K4RF, K4 -PLUS- IREMOTEMOD/12; iBridge App or iBR-TOUCH Touchscreen</td>
</tr>
<tr>
<td><strong>Communication Formats</strong></td>
<td>CONTACT ID; 4/2 &amp; StarLink SIA</td>
<td>CONTACT ID; 4/2 &amp; StarLink SIA</td>
<td>CONTACT ID; 4/2 &amp; StarLink SIA</td>
<td>CONTACT ID; 4/2 &amp; StarLink SIA</td>
</tr>
<tr>
<td><strong>Input Power</strong></td>
<td>16.5 VAC</td>
<td>16.5 VAC</td>
<td>16.5 VAC</td>
<td>16.5 VAC</td>
</tr>
<tr>
<td><strong>Max Standby Current</strong></td>
<td>500mA</td>
<td>650mA</td>
<td>650mA</td>
<td>650mA</td>
</tr>
<tr>
<td><strong>Alarm Current</strong></td>
<td>2 AMPS</td>
<td>2 AMPS</td>
<td>2 AMPS</td>
<td>2 AMPS</td>
</tr>
<tr>
<td><strong>Available in these Configurations</strong></td>
<td>GEM-P800 Control, Keypad &amp; Transformer</td>
<td>GEM-P801 Control, Keypad, RP8 LCD &amp; Transformer</td>
<td>GEM-P816 Control &amp; Transformer.</td>
<td>GEM-P1632 Control &amp; Transformer</td>
</tr>
<tr>
<td></td>
<td>GEM-P801 ALPHA Control, Custom Alpha RP8 LCD Keypad &amp; Transformer</td>
<td>816PERFPK Control, GEM-RP3DGTL Keypad, Transformer Also, K816PERFPK, some but w/ GEMK3DGTL stay away style keypad</td>
<td>GEM-K120PAK Control, Fixed LCD Keypad w/ built in 32pt RF Receiver and stay/away style keys, Siren, PIR1680PT, Jack, Cord, 4AH Battery, Trans.</td>
<td>1632INTROPAK Control, GEM-RP1C5Ae2 Keypad, Transformer Also, K1632INTROPAK, same but w/ GEM-K1CA stay/away style keypad</td>
</tr>
<tr>
<td></td>
<td>801LCD-SUPESVR Control, Custom Alpha RP8 LCD Keypad, Siren, PIR1680PT, Jack, Cord, 4AH Battery &amp; Transformer</td>
<td>816PERFPKPLUS Control, GEM-RP3DGTL Keypad, Transformer, Siren, PIR, Jack, Cord, 4AH Battery Also, K816PERFPK, same but w/ GEMK3DGTL stay away style keypad</td>
<td>GEMP1632DK1WL Control, GEM-K1C4A Alpha Door Keypad, Xfmr, Wireless GEM-PIRPET, 3ea.Low-Profile -TRANSLP, 32pt Receiver,</td>
<td>GEMP311PAK Identical to above, but also includes 1ea. GEM-KEYF-4 button keyfob</td>
</tr>
</tbody>
</table>
# GEMINI ALARM PANELS

<table>
<thead>
<tr>
<th></th>
<th>GEM-P1664</th>
<th>GEM-P3200</th>
<th>GEM-P9600</th>
<th>GEM-X255</th>
</tr>
</thead>
<tbody>
<tr>
<td># 2-WIRE FIRE</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td># of Zones</td>
<td>64</td>
<td>32/48</td>
<td>96</td>
<td>255</td>
</tr>
<tr>
<td># of User Codes</td>
<td>3xGEM-EZM8</td>
<td>1xGEM-EZM8</td>
<td>31xGEM-EZM8</td>
<td>64</td>
</tr>
<tr>
<td># of Wireless Keyfobs</td>
<td>4</td>
<td>8</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td># of Wireless Points</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td># of Wireless Receivers</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td># of Outputs</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3, up to 11</td>
</tr>
<tr>
<td># of Areas</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Event Log</td>
<td>400</td>
<td>800</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>Control, Keypad &amp; Transformer</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Battery &amp; Transformer</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2 (GEM-K4RF RECV32/96)</td>
<td>64</td>
<td>48</td>
<td>96</td>
<td>255</td>
</tr>
<tr>
<td>3 (GEM-K4RF RECV32/96)</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>2, 2-WIRE FIRE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>7 (total) GEM-K1VPS, K1V, RP1CAe2 RP2As2 RP3DGTl or GEM-K1CA K2AS or DK1CA DK3DGTl, K3DGTl K4RF, K4 -PLUS- IREMOTEMOD/12; iBridge App or IBR-TOUCH Touchscreen</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>15 (total) GEM--RP1CAe2 RP2As2 RP3DGTl or GEM-K1CA K2AS K3DGTl or DK1CA DK3DGTl, K4RF, K4 -PLUS- IREMOTEMOD/12; iBridge App or IBR-TOUCH Touchscreen</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Control 4 CRESTRON Certified Integrated Partner**

- **Contact ID; 4/2 & StarLink, SIA, Modem II**
- **Contact ID; 4/2 & StarLink, SIA, Modem II, (RS232 output option)**
- **Contact ID; 4/2 & StarLink, SIA, Modem II, (RS232 output option)**
- **Contact ID; 4/2 & StarLink, SIA, Modem II, (RS232 output option)**

**GEMP1664VPSPK**
- 4-area control, Multifunction LCD Coded Talking Keypad w/built in UL siren, occupancy sensor and 20Pc PIR (GEM-K111), transf.
- Optional Mercantile Housing, H1217 or w/ unit GEMP3200M

**GEMP1664DK1PK**
- 4-area control, in oversized locking enclosure, Door-Style Keypad (GEM-DK1CA), transf.
- Optional Mercantile Housing, H1217 or w/ unit GEMP9600M
ABOUT NAPCO

NAPCO Security Technologies, Inc. has a long heritage dedicated solely to developing innovative technology and reliable security solutions for the professional security community, including popular StarLink Universal Wireless Intrusion & Commercial Fire Communicators, new StarLink Connect® Radios with Universal Full Up/Download for all major brands including Built-in Connected Home Control & Notifications Powered by iBridge®, Remote Services including iBridge Messenger™ Notifications and iBridge Video™ WiFi Cameras and App. For a reliable systems approach the Company features Gemini Security & Fire Systems and the NAPCO Commercial Platform of 24V Addressable/Conventional/Wireless Systems and robust Firewolf Fire Panels & Devices.

NAPCO’s many award-winning security products are proven dependable and built to last, manufactured in its own 200,000 square foot, ISO:9001 certified facility using rigorous quality standards. Backed by the industry’s longest warranty, and Napco US-headquarters-based technical support, we also offer ceu-accredited professional training available online and in the field.