iBridge
Connected Home

GEMINI

StarLink
RADIOS

NAPCO
COMMERCIAL GRADE

Smarter Connected Home, Commercial Systems & Cellular Solutions

NAPCO
SECURITY TECHNOLOGIES, INC.

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Napco StarLink Cellular Solutions, Now Expanded by Popular Demand!

StarLink^{3} 3G/4G

Universal 3G/4G Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

SLE-GSM3/4G

- Full event 3G/4G GSM wireless reporting from any panel brand, virtually anywhere
- Same Great Performance, New Look
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Smart Phone App for Customer Remote Arm/Disarm
- Under $50NET with Cost-Saver Upgrade Incentive
- Bonus High Speed Up/Downloading with Gemini
- UL Listed; Compliances: UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

StarLink^{3} SLE-CDMA

Universal CDMA Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

SLE-CDMA

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee
- Smart Phone App for Customer Remote Arm/Disarm
- Under $50NET with Cost-Saver Upgrade Incentive
- Bonus High Speed Up/Downloading with Gemini
- UL Listed; Verizon Network Certified

StarLink^{3} SLE-GSM-FIRE

Universal Sole Path Fire Cellular Communicator
Works on Virtually Any Panel or FACP, Virtually Anywhere!

SLE-GSM-FIRE

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all 12V-24V FACP/panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Bonus: Full High-Speed Napco Panel remote up/downloading
- Merchantile Versions available, in metal housing with provision for backup batteries; direct connect 120VAC or with power supply.
- Compliances: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

StarLink^{3} SLE-CDMA-FIRE

Universal CDMA Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

SLE-CDMA-FIRE

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all 12V-24V FACP/panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Bonus: Full High-Speed Napco Panel remote up/downloading
- Merchantile Versions available, in metal housing with provision for backup batteries; direct connect 120VAC or with power supply.
- Compliances: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

Napco Commercial Firewolf Series:

Robust, flexible 24V commercial fire systems supporting up to 255 zones/points using all-new fire devices in hardwire, wireless, conventional & addressable technologies

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.

Code-compliant Integrated Security & Access Control *Option* Pre-Isolated Circuits & Power Customizable Quick-Start Preset Program & Auto-Learn of SLC Devices & Modular Access Control option. (Reference Models GEMC-BM/PS or -BSLC & GEM-ACM1D / -2D.)

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.

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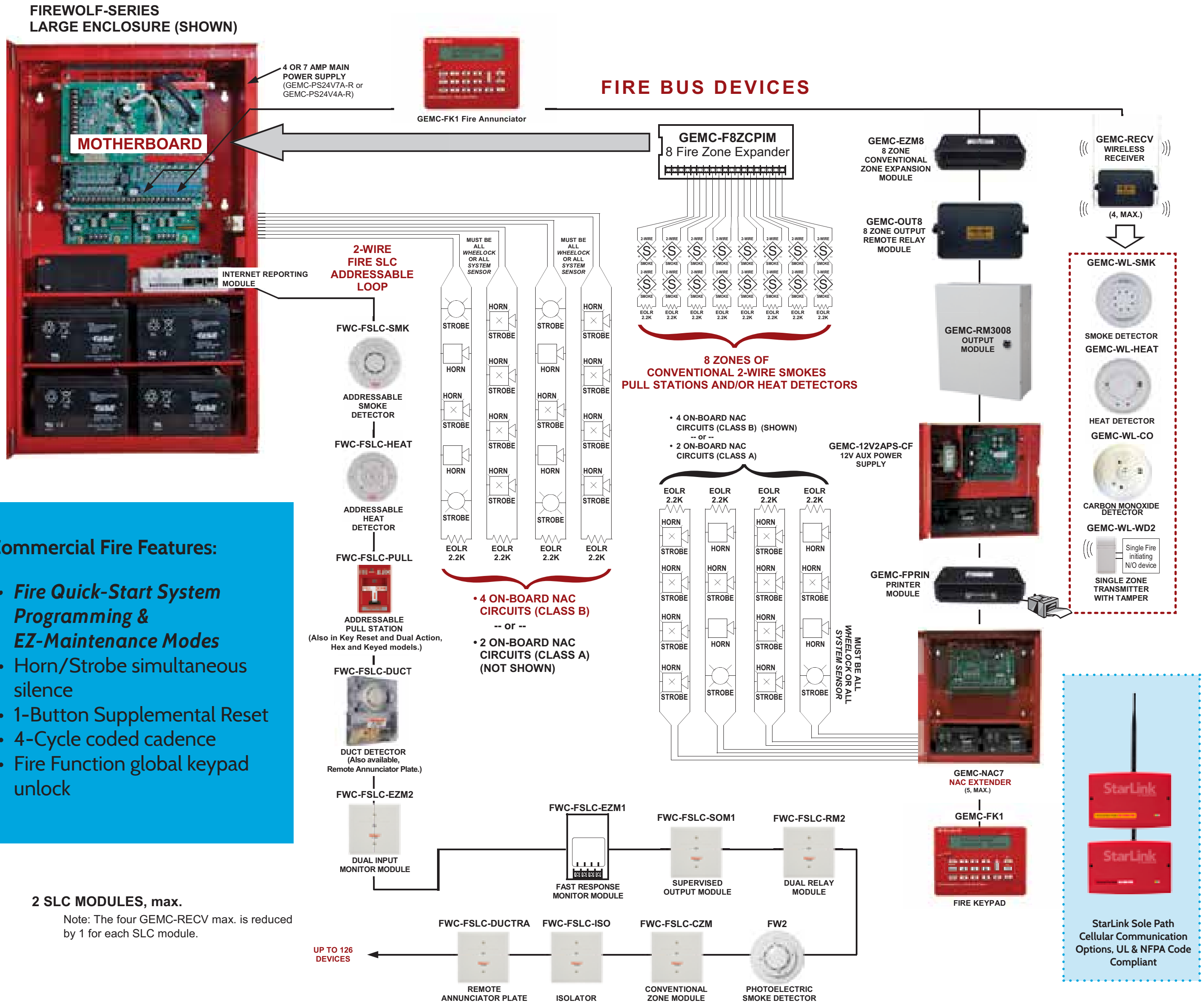
Firewolf Fire Panels: Addressable, Commercial Wireless &


FIREWOLF-SERIES
LARGE ENCLOSURE (SHOWN)
4 OR 7 AMP MAIN POWER SUPPLY (GEMC-PS24V7A-R or GEMC-PS24V4A-R)
MOTHERBOARD
INTERNET REPORTING MODULE
GEMC-FK1 Fire Annunciator
FIRE BUS DEVICES
GEMC-F8ZCPIM
8 Fire Zone Expander
2-WIRE
SMOKE
EOLR 2.2K
8 ZONES OF CONVENTIONAL 2-WIRE SMOKES PULL STATIONS AND/OR HEAT DETECTORS
2-WIRE FIRE SLC ADDRESSABLE LOOP
MUST BE ALL WHEELOCK OR ALL SYSTEM SENSOR
HORN
STROBE
• 4 ON-BOARD NAC CIRCUITS (CLASS B)
-- or --
• 2 ON-BOARD NAC CIRCUITS (CLASS A) (NOT SHOWN)
• 4 ON-BOARD NAC CIRCUITS (CLASS B) (SHOWN)
-- or --
• 2 ON-BOARD NAC CIRCUITS (CLASS A)
FWC-FSLC-SMK
ADDRESSABLE SMOKE DETECTOR
FWC-FSLC-HEAT
ADDRESSABLE HEAT DETECTOR
FWC-FSLC-PULL
ADDRESSABLE PULL STATION (Also in Key Reset and Dual Action, Hex and Keyed models.)
FWC-FSLC-DUCT
DUCT DETECTOR (Also available, Remote Annunciator Plate.)
FWC-FSLC-EZM2
DUAL INPUT MONITOR MODULE
FWC-FSLC-EZM1
FAST RESPONSE MONITOR MODULE
FWC-FSLC-SOM1
SUPERVISED OUTPUT MODULE
FWC-FSLC-RM2
DUAL RELAY MODULE
FWC-FSLC-DUCTRA
REMOTE ANNUNCIATOR PLATE
FWC-FSLC-ISO
ISOLATOR
FWC-FSLC-CZM
CONVENTIONAL ZONE MODULE
FW2
PHOTOELECTRIC SMOKE DETECTOR
UP TO 126 DEVICES
2 SLC MODULES, max.
Note: The four GEMC-RECV max. is reduced by 1 for each SLC module.
GEMC-EZM8
8 ZONE CONVENTIONAL ZONE EXPANSION MODULE
GEMC-OUT8
8 ZONE OUTPUT REMOTE RELAY MODULE
GEMC-RM3008
OUTPUT MODULE
GEMC-12V2APS-CF
12V AUX POWER SUPPLY
GEMC-FPRIN
PRINTER MODULE
GEMC-NAC7
NAC EXTENDER
(5, MAX.)
GEMC-FK1
FIRE KEYPAD
GEMC-RECV
WIRELESS RECEIVER
(4, MAX.)
GEMC-WL-SMK
SMOKE DETECTOR
GEMC-WL-HEAT
HEAT DETECTOR
GEMC-WL-CO
CARBON MONOXIDE DETECTOR
GEMC-WL-WD2
Single Fire initiating N/O device
SINGLE ZONE TRANSMITTER WITH TAMPER
StarLink
StarLink Sole Path Cellular Communication Options, UL & NFPA Code Compliant

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
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 lenghts 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
- ✔ **Compliances** - NFPA 72, UL Commercial Fire, UL864 9th Ed., UL985, CSFM and NYCFD.

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, 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).

Conventional Fire Options

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
- Built in dual line communicator; dual onboard serial ports; optional TCP/IP
- **New Fire Quick-Start System Programming & EZ-Maintenance Modes;** Quickloader up/downloading 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

- 24V 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 synch 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/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.
- 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
GEMC-FW32CONVKT

- 24V Panel, 32 Points via commercial addressable, wireless or conventional fire devices, 2 onboard programmable 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.
- 4 Amp, 24V Power Supply
- Conventional 8-zone 2-wire fire input module, for conventional 2-wire smokes or any conventional fire detection device (GEMC-F8ZCPIM)
- Built in horn/strobe synch. 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/downloading
- 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-SMK 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 (*For complete info see pg 27)*

Conventional Fire System Peripherals

GEMC-FK1 LCD Fire Red Annunciator (Menu-driven operation, functionality for Reset, Acknowledge, Silence (with disable).
GEMC-F8ZCPIM Conventional 8-zone 2-wire fire input module. Plugs into motherboard, for conventional 2-wire smoke detectors or any conventional fire detection device.
GEMC-EZM8 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

Wireless Firewolf Peripherals

GEMC-WL-SMK Gemini Commercial **Wireless Smoke**, Photoelectric (complete).
GEMC-WL-HEAT Gemini Commercial **Wireless Heat**, 135° F
GEMC-WL-WD2 Gemini Comml **Wireless Input Module** converts any UL listed device into a UL wireless device (ex., pull stations or sprinkler supervisories.)
GEMC-REVC Gemini Commercial **Wireless 255 point RF Receiver** (up to 4 per system, max.)
GEMC-WL-CO Wireless Carbon Monoxide Detector

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, head**
FWC-FSLC-HEAT Addressable **Analog SLC Heat**, 135 - 150°F, head**
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-EZM2 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-EZM1 Addressable **SLC 1-input conventional** module, similar to usage above.
FWC-FSLC-CZM Addressable **SLC Conventional Zone module**, for montoring of dry contacts, ie., pull stations and conv. smokes (Requires use of GEMC-24VR Voltage Regulator) Creates a 24V 2-wire fire zone on the SLC loop, selectable Class A or B zone wiring.
FWC-FSLC-RM2 Addressable **SLC 2-output module** (requires 2 SLC addresses)
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, add'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 Dual action, 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-SMK6B ** **Smoke/Heat 6" Base**, required for FWC-FSLC- SMK and -HEAT devices

Output Options

GEMC-NAC7S Remote 4-output NAC Extender, for 6.5A ttl, 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 add'l NAC circuits ttl.). 3 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- FPRINT 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)

Starlink Sole Path Fire Communicators & Merchantile Commercial Fire or Burglary Models

StarLink Sole Path Cellular Communication Options, UL & NFPA Code Compliant

Napco StarLink3 Universal Sole Path Fire Cellular Communicator

- Universal CDMA or GSM Network full event cellular reporting from any panel brand, virtually anywhere.
- For use with all 12V-24V control panels and FACPs that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation - Just Enter a Radio ID, Dialer Capture completes all (no entering phones nos., formats, account nos.)
- Reports to any Central Station via GSM 3/4G or CDMA (Verizon Network Certified) Models SLE-GSM-FIRE & SLE-CDMA-FIRE, respectively
- Bonus: Full High-Speed Napco Panel remote uploading/ downloading (Requires cable **)
- Takeover Feature - Easily captures any panel's existing CS phone number and allows rerouting to another central station without going to the panel
- Easy Online Account Management - Choice of affordable subscriber service plans, separately available at www.napcocomnet.com
- UL Listed. Meets or exceeds code: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

Choose SLE-CDMA-FIRE for reporting CDMA, Verizon Network Certified . Or, SLE-GSM-FIRE for reporting on GSM 3G/4G Cellular Network.

SPECIFICATIONS

- 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

AVAILABLE OPTIONS:

SLE-DLCBL Gemini Up/Downloading Cable for Napco Panels only

SLE-DLEXT Optional, as above, for downloading, extends distance to Napco panel up to 100'

SLE-SMTCHG Optional Smart Charge Module overcomes limitations of AC access or standby power. (Uses 4AH/12V Rechargable Battery)

StarLink Merchantile Commercial Fire or Burglary Models in metal enclosure

- Same reporting options as StarLink, at left, but in UL Merchantile metal enclosure with option for Power Supply in GSM or CDMA versions.

Merchantile Model SLECDMA-CFB, shown available with provision for battery backup - or - with power supply, Model SLECDMA-CFB-PS

FIRE MODELS:

SLE3/4G-CFB-PS Commercial Fire/ Burglary, 3G/4G, red enclosure with 120V Hardwired Power Supply

SLE3/4G-CFB Commercial Fire/ Burglary, 3G/4G, red enclosure,no power supply

SLECDMA-CFB-PS Commercial Fire/ Burglary, CDMA, red enclosure with 120V Hardwired Power Supply

SLECDMA-CFB Commercial Fire/ Burglary, CDMA, red enclosure, no power supply

BURLARY MODELS (not shown):

SLE3/4G-CB-TF Commercial Burglary, 3G/4G, white enclosure with Plug in transformer

SLE3/4G-FB Commercial Burglary, 3G/4G, white enclosure,no power supply

SLECDMA-CB-TF Commercial Burglary, CDMA, white enclosure with Plug in transformer

SLECDMA-CB Commercial Burglary, CDMA, white enclosure, no power supply

Also see Standard StarLink Universal Radio section pages 12 & 13 for reporting on GSM 3/4G Cellular Network

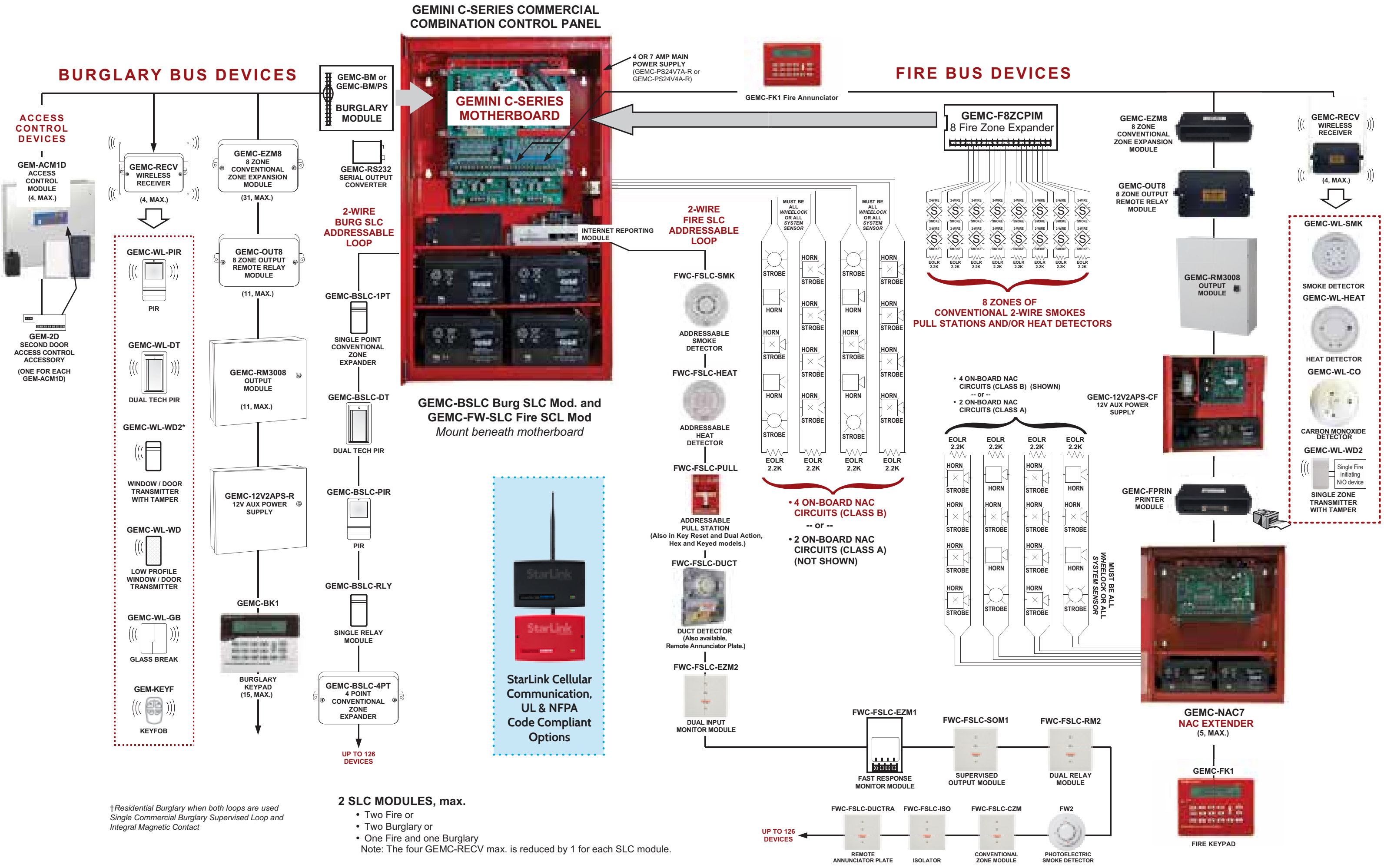
COMPLIANCES: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

verizon NETWORK CERTIFIED

UL CERTIFIED

Integrated Commercial Fire Burglary & Access Control Configurations & Components:

Napco Commercial Platform: GEMC Fire & Burglary Integrated System Configuration Diagram


GEMINI C-SERIES COMMERCIAL COMBINATION CONTROL PANEL
BURGLARY BUS DEVICES
GEMC-BM or GEMC-BM/PS
BURGLARY MODULE
4 OR 7 AMP MAIN POWER SUPPLY (GEMC-PS24V7A-R or GEMC-PS24V4A-R)
GEMINI C-SERIES MOTHERBOARD
GEMC-FK1 Fire Annunciator
FIRE BUS DEVICES
ACCESS CONTROL DEVICES
GEM-ACM1D ACCESS CONTROL MODULE (4, MAX.)
GEM-2D SECOND DOOR ACCESS CONTROL ACCESSORY (ONE FOR EACH GEM-ACM1D)
GEMC-RECV WIRELESS RECEIVER
(4, MAX.)
GEMC-EZM8 8 ZONE CONVENTIONAL ZONE EXPANSION MODULE
(31, MAX.)
GEMC-RS232 SERIAL OUTPUT CONVERTER
2-WIRE BURG SLC ADDRESSABLE LOOP
INTERNET REPORTING MODULE
2-WIRE FIRE SLC ADDRESSABLE LOOP
GEMC-WL-PIR
PIR
GEMC-OUT8 8 ZONE OUTPUT REMOTE RELAY MODULE
(11, MAX.)
GEMC-BSLC-1PT
SINGLE POINT CONVENTIONAL ZONE EXPANDER
GEMC-WL-DT
DUAL TECH PIR
GEMC-RM3008 OUTPUT MODULE
(11, MAX.)
GEMC-BSLC-DT
DUAL TECH PIR
GEMC-BSLC Burg SLC Mod. and GEMC-FW-SLC Fire SCL Mod
Mount beneath motherboard
GEMC-WL-WD2*
WINDOW / DOOR TRANSMITTER WITH TAMPER
GEMC-12V2APS-R 12V AUX POWER SUPPLY
GEMC-BSLC-PIR
PIR
GEMC-WL-WD
LOW PROFILE WINDOW / DOOR TRANSMITTER
GEMC-BSLC-RLY
SINGLE RELAY MODULE
GEMC-BK1
BURGLARY KEYPAD (15, MAX.)
GEMC-WL-GB
GLASS BREAK
GEM-KEYF
KEYFOB
GEMC-BSLC-4PT 4 POINT CONVENTIONAL ZONE EXPANDER
UP TO 126 DEVICES
StarLink
StarLink Cellular Communication, UL & NFPA Code Compliant Options
FWC-FSLC-SMK
ADDRESSABLE SMOKE DETECTOR
FWC-FSLC-HEAT
ADDRESSABLE HEAT DETECTOR
FWC-FSLC-PULL
ADDRESSABLE PULL STATION (Also in Key Reset and Dual Action, Hex and Keyed models.)
FWC-FSLC-DUCT
DUCT DETECTOR (Also available, Remote Annunciator Plate.)
FWC-FSLC-EZM2
DUAL INPUT MONITOR MODULE
MUST BE ALL WHEELOCK OR ALL SYSTEM SENSOR
HORN
STROBE
EOLR 2.2K
• 4 ON-BOARD NAC CIRCUITS (CLASS B)
-- or --
• 2 ON-BOARD NAC CIRCUITS (CLASS A) (NOT SHOWN)
GEMC-F8ZCPIM
8 Fire Zone Expander
2-WIRE
SMOKE
8 ZONES OF CONVENTIONAL 2-WIRE SMOKES PULL STATIONS AND/OR HEAT DETECTORS
• 4 ON-BOARD NAC CIRCUITS (CLASS B) (SHOWN)
-- or --
• 2 ON-BOARD NAC CIRCUITS (CLASS A)
MUST BE ALL WHEELOCK OR ALL SYSTEM SENSOR
GEMC-EZM8 8 ZONE CONVENTIONAL ZONE EXPANSION MODULE
GEMC-OUT8 8 ZONE OUTPUT REMOTE RELAY MODULE
GEMC-RM3008 OUTPUT MODULE
GEMC-12V2APS-CF 12V AUX POWER SUPPLY
GEMC-FPRIN PRINTER MODULE
GEMC-RECV WIRELESS RECEIVER
(4, MAX.)
GEMC-WL-SMK
SMOKE DETECTOR
GEMC-WL-HEAT
HEAT DETECTOR
GEMC-WL-CO
CARBON MONOXIDE DETECTOR
GEMC-WL-WD2
Single Fire initiating N/O device
SINGLE ZONE TRANSMITTER WITH TAMPER
GEMC-NAC7
NAC EXTENDER
(5, MAX.)
GEMC-FK1
FIRE KEYPAD
FWC-FSLC-EZM1
FAST RESPONSE MONITOR MODULE
FWC-FSLC-SOM1
SUPERVISED OUTPUT MODULE
FWC-FSLC-RM2
DUAL RELAY MODULE
FWC-FSLC-DUCTRA
REMOTE ANNUNCIATOR PLATE
FWC-FSLC-ISO
ISOLATOR
FWC-FSLC-CZM
CONVENTIONAL ZONE MODULE
FW2
PHOTOELECTRIC SMOKE DETECTOR
UP TO 126 DEVICES

†Residential Burglary when both loops are used Single Commercial Burglary Supervised Loop and Integral Magnetic Contact

2 SLC MODULES, max.

- Two Fire or
- Two Burglary or
- One Fire and one Burglary

Note: The four GEMC-RECV max. is reduced by 1 for each SLC module.

Napco Commercial System Kits:

GEMC-Integrated 255KT 255 Point GEM-C Commercial Integrated. Fire/Burg System Kit

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

- 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)

Napco Commercial™ GEMC Integrated. Fire/Burglary and

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

- 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-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)

Napco Commercial GEMC Burglary (Only)

GEMC-BURG96KT 96pt GEMC Addressable Commercial Burglary System Kit

- 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-BSLC)
- 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)

12VDC Burglary Power Supply for GEMC and Gemini Panels

(Note: Housing is white in color, not as shown.)

GEMC-12V2PS-R 12VDC

- Power Supply for Burg. Bus of GEMC Panels, remote supervised.
- Powered by supplied 16.5V, 50VA plug-in transformer,
- Supports 2ea. 12V, 7Ah standby batteries.
- Backward compatible with all standard Gemini Panels, too.
- Alarm Panel supervised power option

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

Napco Commercial Access Control Option for GEMC and Gemini Panels

GEMC-ACM1D Access Control Module with power supply in enclosure

GEM-2D 2nd Door Plug-In Module for use with ACM1D

Burglary & Fire Accessories & Options:

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 Tech'y 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-BM/PS Burg Module with 12V power supply provides isolated 4-wire burg bus for burg keypads and devices, plus 12V power output for aux. devices. Independent Burg. Bell output. Complete separation of fire and burg power, plus indep. burg. battery connection and charger for indep. burg. standby operation in power failure.

GEMC-BM Burg Module, isolated 4-wire burg bus for burg keypads and devices, plus 12V power output for aux devices. Indep. Burg bell output.

GEMC-BSLC 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-BM or BM/PS Module.)

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

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

GEMC-BSLC-DT Addressable SLC Commercial Dual Tech Microwave/PIR, 40 x 40'

GEMC-BSLC-PIR Addressable SLC Commercial PIR, 50 x 50'

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

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

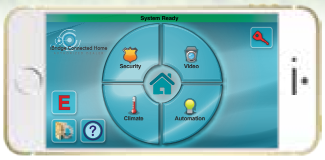
For Commercial Fire Peripherals & Options, see Firewolf section pg 3

iBridge Connected Home & Security.

Smart. Simple. More Affordable.

iBridge
Connected Home

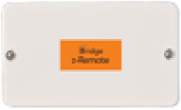
Protect Your Home Turf and Cash in On $71B Connected Home Market.



The time is now to maximize accounts & account value! Expand your business into the connected home market today for new business, growth and RMR. We'll provide everything you need, and show you how, as part of the iBridge Connected Home Dealer Program.

Connected Home Made Easy with the iBridge Program

Combine security, video, lighting, locking, and climate control services, using free iBridge App, on accounts smartphones / tablets. Lower equipment costs, using just one iBridge ZREMOTE Module, providing both remote services and z-wave control, plus 12-mos. account service. Start leveraging all the media headlines & national ad campaigns large competitors are attracting your customers with. We'll give you the training, marketing materials and know-how to increase your accounts, value and retention with the stickier, smarthome/security services today's consumers want.



IBR-ZREMOTE Module

iBridge Connected Home Dealer Program has All You Need:

- Leading Edge Product & Free Smart Phone Apps
- New iBridge Messenger Notifications via SMS Text or MMS Live Video Alerts
- Preferred Pricing
- Certified Trainings: Sales, IP 101 & Technical
- Free Custom Marketing Materials & Co-op Advtg
- Exclusive Consumer Website & Leads
- Tech Support & Customer Service Hotlines
- Annual Event

iBridge Connected Home
AUTHORIZED DEALER PROGRAM

iBridge Connected Home & Security. Smart. Simple. More Affordable.

iBridge Connected Home

FOR YOUR 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

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

LIGHTS

Have your customers take control of their energy use by controlling their lights automatically and on-the-go

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

SCENES

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

FOR YOUR BUSINESS

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

TRAVEL-LESS SERVICE VIA APP

Set up & update systems right from your smart device for No-Roll™ service calls with iBridge! Advanced Scenes and Schedules, once only for high-end homes – Now made easy and affordable

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

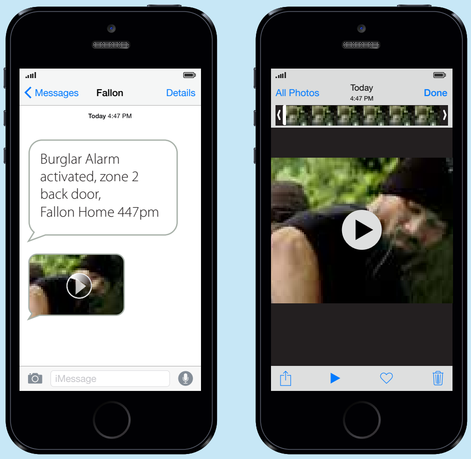
FREE TRAINING

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

SERVICE HOTLINES

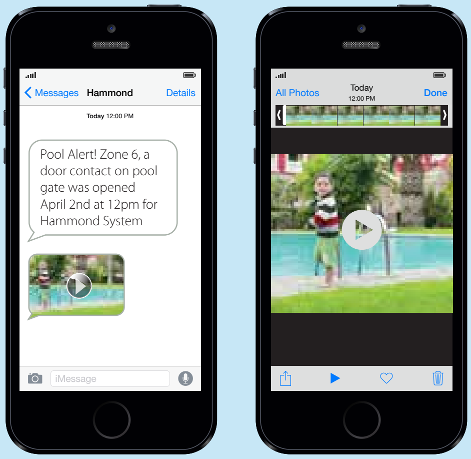
iBridge Connected Home Dealer Program Members can use Members-Only customer service & Tech Support hotlines for speedy care when you need it

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



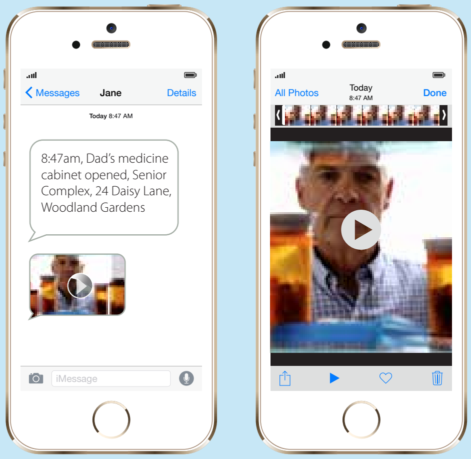
Burglar Alarm activated, zone 2 back door, Fallon Home 447pm

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



Pool Alert! Zone 6, a door contact on pool gate was opened April 2nd at 12pm for Hammond System

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



8:47am, Dad's medicine cabinet opened, Senior Complex, 24 Daisy Lane, Woodland Gardens

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.

iBridge®
MESSENGER

- 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

iBridge Messenger SMS/MMS Notificaions & Reminders is a selectable option for the connected home service on www.napcocomnet.com. (For more see WI2129A or visit &/or for User Manual see WI2117A).

iBridge Remote Services & Apps:

Grow your business & RMR and prevent attrition

iBridge
Connected Home

iRemote™ Virtual Keypad Module & App – Anything you can do on a real on-premises keypad you can do remotely, even service calls

- Arm/Disarm
- Bypass, Temp. Control
- Address Programming – For gas-free updates/service calls
- Works the same/ looks the same – nothing new to learn/teach – control anywhere there's internet access
- Free App on smart device, tablet or PC.
- Dealer-Customized Subscriber Access Site included, Multilingual
- No special central station required

iRemote

StarLink Universal Radios & App

- Starting at under $100, advanced primary/ backup full data radio works on any panel (Contact ID/4/2), anywhere
- Free App: One-touch remote arm/disarm for customer convenience from anywhere (with status indicator); SMS text/email option
- Programmed out-of-the-box, with 1-step enrollment. No activation fee.
- Takeover Feature to change CS (reports to any)
- Future-Proof, field upgradable for network changes
- Optional – Gemini Panel up/downloads in minutes
- Free Sales Aids

StarLink

iSee Video™ Remote Video – The Easiest, The First, The Best

- Hi-Res Streaming Video - 25FPS @ VGA res. 640x480
- 10-Minute WiFi Camera Installation – No Activation Fees; All-inclusive kits w/ 12-mos. Service
- Plug-n-Play Easy Camera Enrollment; Secure WiFi Network
- View Live, Archived or Auto-Email on Events; viewable anywhere there's internet access
- Detail /Quality you can see and zoom-in on!
- 24/7 Recording Option
- Dealer-Customized Subscriber Access Site included, Multilingual
- Free Sales Aids

iSeeVideo NAPCO

iBridge® Connected Home Services - App & Optional Touchscreen/Tablet

- Control Alarms, Video, Temperature, Lighting & Locking & iBridge Messenger sends SMS/MMS Notifications & Video Alerts
- Turn on/off lights and alarms; lock/unlock doors; set thermostats or set moods or scenes; view local & remote video, get emailed videos.
- Cost-Effective Z-Wave Device Control just using iBridge's affordable bus-mount Z-Wave Module.
- Activate custom scenes based on, schedules or occupancy from tablet or phone
- Napco No-Roll™ Customer Service Calls - Dealers Edit/ Add Z-Wave devices easily, remote-configurable from their own smart devices.
- Bridge App for iPhone/Droid or PC &/or WiFi Touchscreen/Tablet

iBridge Connected Home

StarLink3 Universal CDMA or GSM Radios. Your choice of Panel

One-Button App

New! StarLink3™ Universal CDMA Radio – Verizon® Network Certified

SLE-CDMA:

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Smart Phone App for Customer Remote Arm/Disarm and enhanced EZ One-Wire Gemini Panel-Connect (see SLE-DLCBL below)
- Takeover Feature - Easily captures any panel's existing CS phone number and allows you to reroute it
- Primary or Backup Alarm Communications
- Unbeatable Cost-Saver Upgrade Incentive & Low Service Plan Rates
- UL Listed; Verizon Network Certified

verizon NETWORK CERTIFIED

UL CERTIFIED

StarLink3 Universal 3G/4G GSM Radio

SLe-GSM-3/4G:

- Full event 3G/4G GSM wireless reporting from any panel brand, virtually anywhere
- Same Great Performance, New Look
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Smart Phone App for Customer Remote Arm/Disarm and enhanced EZ One-Wire Gemini Panel-Connect (requires SLE-DLCBL below)
- Takeover Feature - Easily captures any panel's existing CS phone number and allows you to reroute it
- Primary or Backup Alarm Communications
- Unbeatable Cost-Saver Upgrade Incentive & Low Service Plan Rates
- UL Listed

STARLINK ORDERING INFORMATION:

SLE-GSM-3/4G: 3G/4G Network Compatible GSM Universal Wireless Alarm Communicator, SIM card. UL Listed. Service plan(s) sold separately. No Activation Fee.

SLE-CDMA: CDMA Network Universal Wireless Alarm Communicator,Verizon Network Certified, UL Listed. Service plan(s) sold separately. No Activation Fee.

SLE-DLCBL: For use with Gemini Panels only, Napco Up/download cable, sold separately. Can also be used to plug into panel serial port for one-wire connection, when using on/off App.

SLE-REMOTE: Remote App for arming, disarming panel via wireless radio. (Requires service upgrade).

SLE-DLEXT: Optional, for up/downloading, extends distance from radio to panel, from 10', up to 100 ft.

A606: Free Trifold Enduser Brochure for new and existing accounts. Statement Stuffer or Self-Mailer

Don't let your security get hung up on some old phone.

SLE-SMTCHG: Optional, Smart Charge Module. Allows for optimal radio position regardless of available AC outlets. Also ideal where auxiliary (fire) standby power is too low - without requiring a separate power supply. Uses standard 4AH/12V rechargeable battery.

SLE-GSMET: GSM Communicator in metal housing (also accommodates 4 Ah /12V rechargeable battery), SIM card included.

By Popular Demand, Extended StarLink Series, Now includes Fire Cellular Communicators & Merchantile Fire & Burglary Models, see page 4

StarLink
by NAPCO
Universal Fire Radio SLE-GSM-FIRE
StarLink
by NAPCO
Universal Alarm Radio SLE-CDMA-FIRE

NetLink™ Alternative Alarm Reporting & VoIP Solution

NetLink Panel Modules

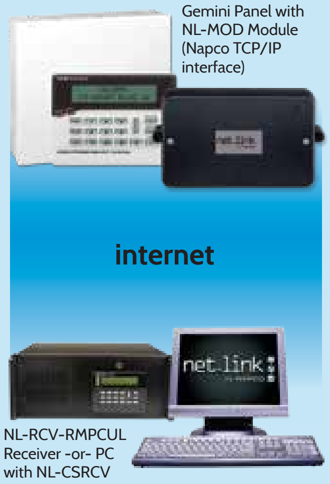
NL-MOD ,GEMC-NL-MOD & NET-COMM

- Communicate alarms via Internet or intranet over a TCP/IP-based network using dynamic IP addressing
- Secure transmissions over the Internet using AES128bit encryption
- Use for primary and/or backup reporting
- **NL-MOD** NetLink Module can be used with any Napco panel, from the **GEMP816 to the X255 and Gemini-Commercial (specify model GEMC-NLMOD when ordering for Napco Commercial Systems)** to securely communicate alarms, status, supervisories, etc, pinpointed by-zone
- **NET-COMM** Economy NetLink Module, is similar, and this less expensive communicator is driven directly by the alarm panel. It supports 5 channel reporting codes, communicating, for example, alarms, panics, fire, telco failure, low battery, etc.

NetLink Receiver for UL Central Station applications:

NL-RCV-RMPCUL

- Both NetLink modules report via TCP/IP to any central station or intranet facility with the NetLink UL Listed Receiver (model **NL-RCV-RMPCUL**)
- UL864/UL1610-listed advanced, rack-mounted receiver
- Interfaces with the conventional Central Station automation system
- 2 Reception Modes: **Automatic Mode**, where alarm signals are sent normally to the automation system for processing -or- **Manual Mode**, used when direct operator interaction is desired, using the built in menu-driven keypad-style alphanumeric interface
- For redundant/mirrored applications -Two can be simply crossover-cable networked
- **Compliances:** UL864 (Control Units for Fire Protective Signaling Systems); UL1610 (Central Station Burglar Alarm Units).

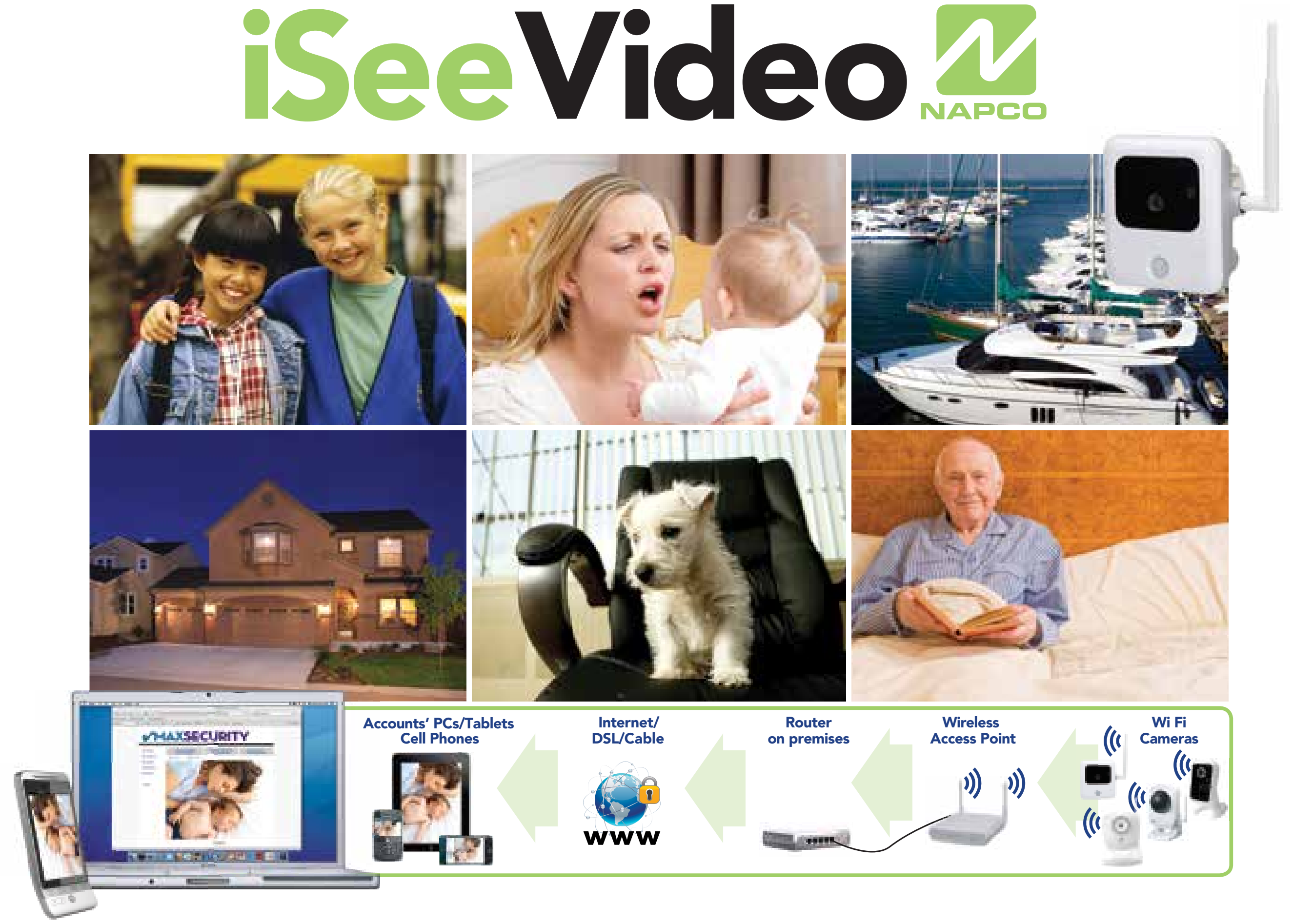


Gemini Panel with NL-MOD Module (Napco TCP/IP interface)

NL-RCV-RMPCUL Receiver -or- PC with NL-CSRCV

iSee Video™: Affordable Professional Quality Hi-Res. Remote Video - Use alone or integrate with iBridge

iSeeVideo NAPCO



NAPCO

App

iSee Video™: Affordable Professional Quality Hi-Res. Remote Video pioneered by Napco...

Napco pioneered remote video and today's iSee Video is the reliable, easy-to-install, ideal upsell solution for residential & smaller commercial accounts.

It's the affordable remote video service accounts want, where kids, pets, elders or employees, boats or vacation homes are viewable on any PC or smartphone anywhere, 24/7. They'll view live streaming video, archived or emailed events from a supplied secure multilingual website we provide, that security companies can customize with their logo, phone, URL and contact info.
It can be deployed with any of three indoor or outdoor iSee Video 802.11 WiFi Camera, with a secure-networked installation in as little as 10 minutes, or you can use your choice of analog camera brand, instantly converted to IP cameras with our Video Gateway. Both methods give you and your residential or commercial customers the high-res. professional quality iSee Video online remote video service you'd expect from Napco.

And, now iSee Video is a featured application integrated in the iBridge suite of connected home services, including the iBridge App for Smart Devices and on the iBridge Touchscreen/Tablet Computer.

(see pages 7 - 10)

iBridge
Connected Home

iSeeVideo™ Remote WiFi Video:
The easiest, the first, the best.

iSee Video shown on iPhone and iPad, along with outdoor camera, wireless access point and optional, full-time unique Internet Video Recorder.

WiFi, Hi-Res., streaming video, viewed 24/7 on-the-fly or capturing an event, sent to client's smartphone or computer online, anywhere.

Fast installs with WiFi indoor/outdoor cameras that auto-enroll and secure-lock their video network. Hi-res full-frame viewing, and fastest frame rate for live streaming video – not herky-jerky little screens that can't be blown up.

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
- **Highest resolution** remote video on the market! 20 frames per second at VGA res. (640x480)
- 802.11 cameras easily enroll on network with patented wireless access point's auto-detect mode (All have a hardwire jack option too.)
- **Free Apps.** iPhone/iPad, Android
- **Professional quality** -View online in quad screen configuration or by-camera, Quickly review archived video with film-strip style thumbnails with time/date-stamp
- **Customize with your company logo & phone** on view screen to keep your name in front of accounts
- **Choice of Wi-Fi Cameras**, pan & tilt, outdoor/waterproof or fixed IP, in all-inclusive turnkey kits, include one year of subscriber service. *Also, new Megapixel Camera with IR and built in PIR (shown).*

Our Camera or Yours...

Put any analog camera of any brand online easily with iSee Video remote service using the **Single Channel Gateway, model ISEE-SCHGW/12**, that instantly converts any analog CCTV camera into a high-res. internet-ready IP camera online (use up to 6 per account). Streaming or stored video can then be remotely accessed anywhere in the world, 24/7, from any web-enabled computer or smartphone with Free Apps. for iPhone/iPad, Blackberry, Droid. Plus using optional alarm system input triggers, video can be automatically captured and/or emailed to accounts upon alarm events, such as business opens/closes, returning children (disarm), retiring of elder parent (arm), departure of staff (cleaning people or service contractors).

Single Channel Gateway Features

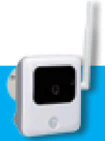
- **Simply plug the CAT5 cable into premises' router** and the camera will automatically adapt to the network regardless of service and modem type. Even in the most inflexible corporate networks, the video camera will auto-configure through the network to iSee Video's www.videoalert.net server.
- **Professional widescreen VGA, high-res.** video images of 704 x 480, max.using MPEG4 compression
- Fast 20FPS video viewing on the Napco-provided server including 12-months subscriber access to 50MB of video storage. Or, for full-time recording, use the affordable iSee Video Internet Video Recorder (IVR250, below).
- View online in quad screen configuration or by-camera, Quickly look-up archived video with film-strip style thumbnails with time/date-stamp
- -or- advanced pixel-based motion detection on demand or on event, can transmit video clips to the www.videoalert.net server and/or provide a "video alert" to the account 's smart phone/ tablet
- **Local TV viewing option** Gateway provides a local video output for optional signal for BNC video-in/-out connection to a monitor, or for local distribution, using a video modulator. – Great for viewing outdoor cameras while clients remain safe & comfortable inside.
- Free Dynamic IP support

IVR250 & IVR-250-1T

iSee Video Internet Video Recorder for Full-Time Recording

- Continuously record and store 30 to 90 days of video from up to six iSee Video System cameras with our new Internet video recorder (ISEE-IVR250 for 30 days or -IVR 1T for Terrabyte Storage, 90 days)

iSeeVideo Cameras iSeeVideo Wi-Fi IP Indoor & Outdoor Cameras

IP Camera	Wireless Fixed IP	Wireless Pan/Tilt IP	 Outdoor Wireless Fixed IP	Wireless Megapixel HD	Outdoor Wireless Megapixel HD
Model	ISVWLCAM	ISVWLCAMPT	ISVWLOCAM	ISVWLHDCAM	ISVWLOHD
Starter Kit	ISVWLKIT1	ISVWLPTKIT2	ISVWLOKIT3	ISVWLHDKIT4	ISVWLOKIT6
Video Image Sensor	Ominivision 7725 CMOS, 1/6" VGA Resolution	1/4" CMOS, VGA Resolution	1/5" CMOS, VGA Resolution	CMOS, 1/4" HD Resolution	CMOS, 1/4" HD Resolution
Lens:	F2.8 Fixed Focus, Effective Range: 0.2M to infinity	F2.0 Fixed Focus, Effective Range : 50cm to infinity	F2.0 Fixed Focus, Effective Range: 0.2M to infinity	F2.0 Fixed Focus Lens, Aperture:, Diagonal View Angle: 66° (Horizontal=57.8°, Vertical=37.8°	F2.0 Fixed Focus Lens, Aperture:, Diagonal View Angle: 66° (Horizontal=57.8°, Vertical=37.8°
Compression	MPEG-4	MPEG-4	H.264, MPEG-4	H.264, MPEG-4	H.264, MPEG-4
Resolution Support	640x480	640 x 480	640x480	720P HD (1280 x 720)	720P HD (1280 x 720)
Frame Rate, in VGA	30 fps	30 fps	30 fps	30 fps	30 fps
Image Control	AWB, Brightness	AWB, AGC, Sharpness, Brightness	AWB, AGC, Contrast, Brightness	AWB, AGC, Sharpness, Brightness	AWB, AGC, Sharpness, Brightness
Video options	Motion-Detection, Time Stamp,Text Overlay	Motion-Detection, Time Stamp,Text Overlay	Motion-Detection, Time Stamp, Text Overlay	4 Programmable Pixel Based Analytic Motion Detection Zones. PIR Motion Sensor Range: 15' (4.6m) with a viewing angle of 85° when installed at a height of 8'. Dual Technology Motion Detection Option, PIR and Pixel based trips required for event triggering. (Pats Pending)	4 Programmable Pixel Based Analytic Motion Detection Zones. PIR Motion Sensor Range: 15' (4.6m) with a viewing angle of 85° when installed at a height of 8'. Dual Technology Motion Detection Option, PIR and Pixel based trips required for event triggering. (Pats Pending)
Pan/Tilt Range		Pan: 126°, Tilt 64° + 53° View Angle, respectively			
Audio	Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone
E-mail notification triggered by motion detection	Yes	Yes	Yes	Yes	Yes
Simultaneous Users	5	5	5	5	5
Wireless Standard	IEEE 802.11b and 802.11g	IEEE 802.11b and 802.11g	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Range Indoor	50m	50m	50m	50m	50m
Outdoor rating			IP65 Waterproof rating		IP65 Waterproof rating
Infrared LEDs			8 IR LEDs with photoelectric cell control; Night Vision Filter	8 IR LEDs with photoelectric cell control; Night Vision 40' range	8 IR LEDs with photoelectric cell control; Night Vision 40' range
Encryptions	WPA, WPA2, 128bit WEP	WPA, WPA2, 128bit WEP	H.264, WPA, WPA2, 128bit WEP	128 Bit WPA	128 Bit WPA
NAPCO Automatic Secure Enrollment (Pats. Pending)	Yes	Yes	Yes	Yes	Yes
Working Temperature	-5°C to + 50°C	-5°C to + 50°C	-15° to 45°C	-15° to 50°C	-15° to 45°C
Power Adapter	5V / 2A, 100 / 240 VAC	5V / 2A, 100 / 240 VAC	5V/1A, 100/240 VAC	12VDC/1A, 100/240 VAC	12VDC/1A, 100/240 VAC
Certification	CE / FCC	CE / FCC	CE / FCC	CE / FCC	CE / FCC
Dimensions (HxWxD)	3.8 x 3.5 x 1.4"	5.7" x 3.8" x 3.1"	3.8" x 3.5" x 1.4"	3.6" x 2.4" x 1.4"	3.8" x 3.5" x 1.4"

Ordering Information for iSeeVideo Wireless Cameras/Kits & Accessories

ISVWLKIT1 Complete Wireless Camera Kit: One (1) 802.11 Wireless Fixed Camera, 640x480 hi-res, power adapter, Patented automatic-enroller Wireless Access Point (WAP) Module & power adapter. Includes custom dealer website log-in screen and 12-months iSee Video Network access.

ISVWLPTKIT2 Complete Wireless P/T Camera Kit: One (1) 802.11 Wireless Pan/Tilt Camera, 640x480 hi-res, power adapter, Patented automatic-enroller Wireless Access Point (WAP) Module & power adapter. Includes custom dealer website log-in screen and 12-months iSee Video Network access.

ISVWLOKIT 3 Complete Wireless Outdoor Camera Kit: One (1) 802.11 Wireless Weatherproof (IP65) Fixed Camera, 640x480 hi-res, with built-in PIR motion detector, 6 IR LEDs with photo cell activation and night vison filter, power adapter, Patented automatic-enroller Wireless Access Point (WAP) Module & power adapter. Includes custom dealer website log-in screen and 12-months iSee Video Network access.

ISVWLHDKIT4 Complete Wireless Megapixel Camera Kit: Kit as above but with one (1) 802.11n Wireless HD Megapixel Camera, : 720p HD (1280x720), Infrared (IR), built in PIR (3.8"H x 2.5"W x 1.4"D (plus base, approx 3"sq.); power adapter. Includes custom dealer website log-in screen and 12-months iSee Video Network access.

ISVWLHDKIT6 Complete Outdoor Wireless Megapixel Camera Kit: Kit similar to above, but with one (1) 802.11n Wireless HD Megapixel Dual Antenna Outdoor Camera, IP65 Rated, : 720p HD (1280x720), Infrared (IR), built in PIR (3.8"H x 3.5"W x 1.4"D (plus base, approx 3"sq.); power adapter. Includes custom dealer website log-in screen and 12-months iSee Video Network access.

ISVWLCAM Add-on 802.11 Wireless Fixed Camera: 640x480 hi-res AC transformer (Kits support up to 6 cameras). Includes 12-months iSee Video Network access.

ISVWLCAMPT Add-on 802.11 Wireless Pan/Tilt Camera: 640x480 hi-res, power adapter (Kits support up to 6 cameras). Includes 12-months iSee Video Network access.

ISVWLOCAM Add-on Outdoor 802.11 Camera: Wireless Weatherproof (IP65) Fixed Camera, 640x480 hi-res, with built-in PIR motion detector, 6 IR LEDs with photo cell activation and night vison filter, power adapter. (Kits support up to 6 cameras). Includes 12-months iSee Video Network access.

ISVWLHDCAM Add-on 802.11 Wireless HD Megapixel Camera with Infrared (IR) and built in PIR: 720p HD (1280x720), IR, PIR, AC transformer. Includes 12-months iSee Video Network access.

ISVWLHDOCAM Add-on Outdoor 802.11 Megapixel Wireless Camera with IR and PIR: Similar to two prior models, but HD performance,in Outdoor, IP65 Rated Version. Dual antennas. 3.8" x 3.5" x 1.4"

ISV-REPT01 Optional Repeater will extend the range of cameras that are located away from the WAP (place approx. half way between WAP and farthest camera. One/Sys).

ISEE-IVR-250-1T Optional One-Terrabyte Internet Video Recorder Provides full time hi-res (640 x480) recording of up to 6 cameras for at least 90 days with full review and easy search functions. Fully, supervised; an ideal replacement for old DVRs, plus a new RMR stream.

ISEE-IVR-250 Optional Internet Video Recorder, as above, but recording of up to 6 cameras for 30 days.

www.napcosecurity.com/video.html

iSeeVideo NAPCO

Note: iSeeVIdeo Camera styling subject to change without prior notice.

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

iRemote

SYSTEM READY
GEMINI
BYPASS 02-LIVING RM WINDOWS
GEMINI
BYPASS DISPLAY ZN BYPASSED Y/N
GEMINI
01-FRONT DOOR
GEMINI

"My Remote Keypad" App for iPhone/iPad and Droid.

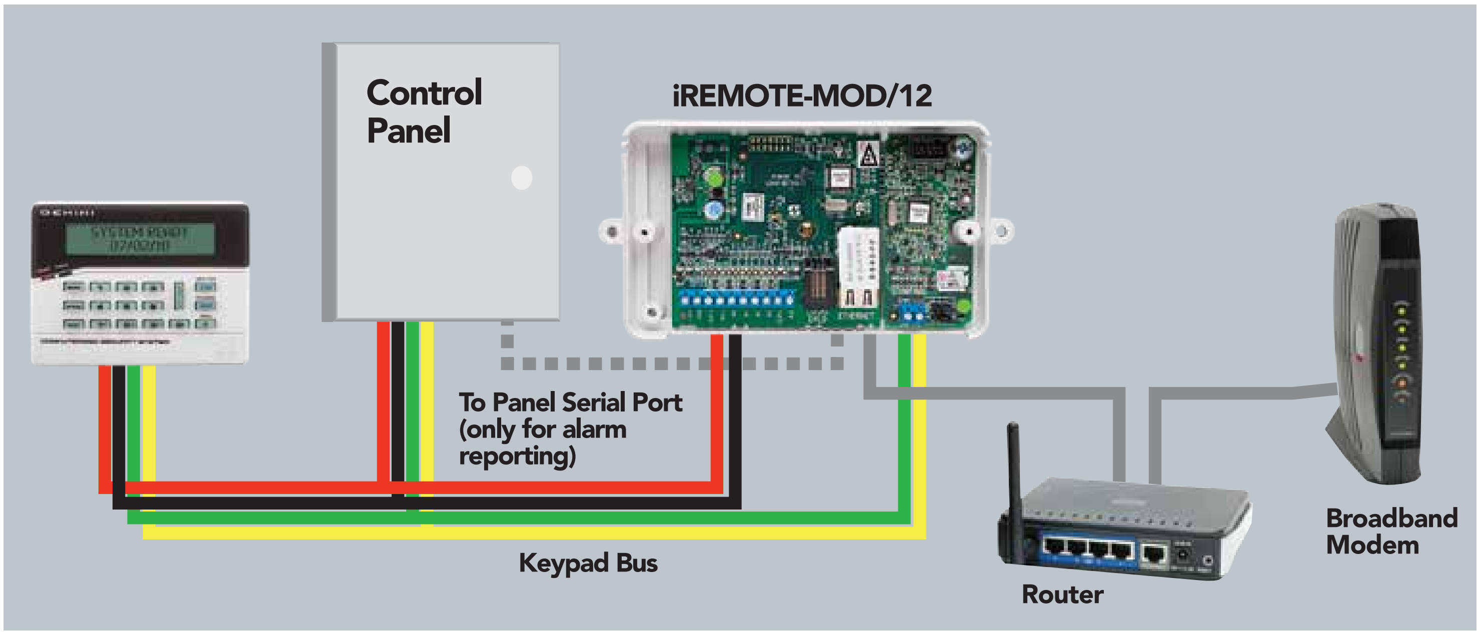
IREMOTEMOD/12

- **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
- Bonus functionality - Up/download to panels via internet in just seconds; alarm reporting to central station via internet
- **Free downloadable apps for iPhone/iPad, Blackberry, Android**
- **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.

WIRING OF IREMOTE MODULE ON KEYPAD BUS



Smart Keypads to Smart Homes -

Smart Phone & *Smart Home Control, too*

Also see Remote Keypad Interfaces for Smart Devices and Phones, including iBridge and iRemote, for all Gemini Panels, pgs 22 & 23.

New Dim Mode for Bedrooms, etc.

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)

Gemini Makes it All Simple.

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

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

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

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

Smart Keypads to Smart Homes - Gemini Makes it Simple.

Touchscreen/Tablet, Wireless WiFi or Hardwire Models

IBR-ITAB / IBR-TAB-HW

- For Use with Gemini Panels
- Touchscreen control of security system and more from anywhere in the home
    - Thin, slim profile
    - Color full-screen TFT high-resolution display (800 x 480)
- ***Provides full Gemini Keypad Security functions, in GUI or conventional keypad mode.***
- Optionally integrates with iBridge Smart Automation &/or iSee Video Camera viewing
- Web browser-enabled
- Handy on-screen tools: Message Minder (recordable voice messages with playback); weather, calculator, etc.
- High-speed, powerful processor
- Easy on/off magnetic wall mounting frame & charger dock

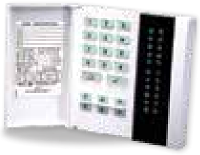
800-Series' classic custom alphanumeric keypad with stay & away keys

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

- Door-styling, conceals keys Backlit keys and
- 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)
- Duable 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.

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 Honewell)
- 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**

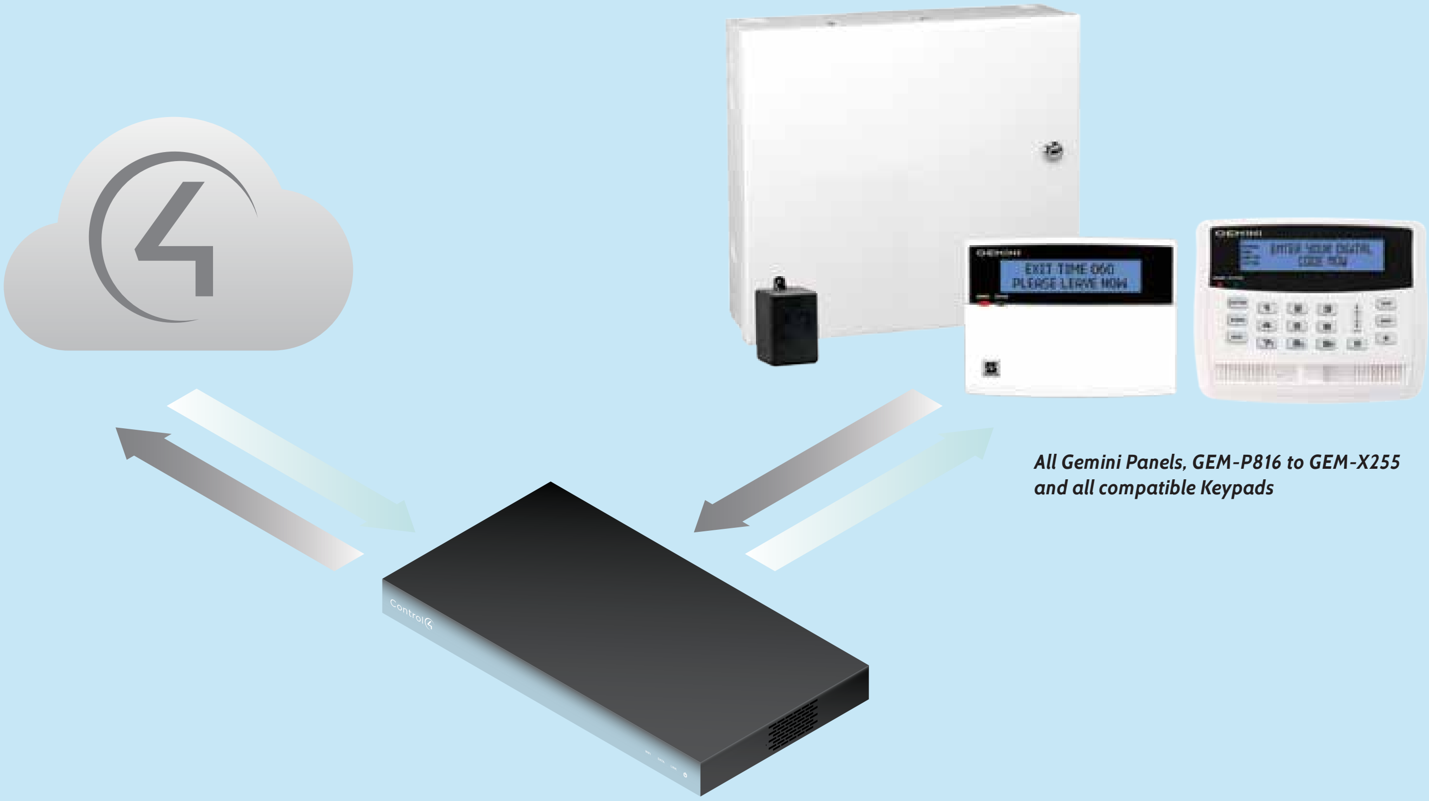
Universal value keyfob... works with any alarm panel brand with keyswitch

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**

Napco. The 1st Security Partner Integrating Control4 SDDP and Control4 via Ethernet

Control4 CERTIFIED



All Gemini Panels, GEM-P816 to GEM-X255 and all compatible Keypads

Integrate a Napco Gemini Security System as part of a Control4 system for seamless, smarter integration & easiest, fastest setup & installation.

- Napco Gemini Expandable Hybrid Panels are integrated and Control4 Certified
- By exclusively integrating with Control4 SDDP, the Control4 Controller can automatically recognize the Napco Gemini Security Panel, enabling you to quickly and accurately install it in a Control4 project, saving time and personalization data.
- ALL Gemini Expandable Panels, GEMP816 to X255
- Smarter Automation - Use Any or All Detected Napco Gemini Zone Activity as Integrated Event Triggers for the C4 System
- Supported with All Gemini Keypads – Classic & Stay/Away Models
- Convenient Napco/Control4 Turnkey Kits available from Control4 Online Store & Training at Control4 University
- Today's Truly Seamless Smart Home & Sophisticated Security Integration

NAPCO | Control4 | *Even Better Together*

Gemini Security Systems: Flexible and more options than ever - including remote services,

Expandable Gemini hybrid controls feature:

- 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 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:

- 8 to 255 hardwired zones or wireless zones/ pts
- Expandable using 8-zone GEM-EZM8 expansion modules
- Up to 96 fire zones, with 8 2-wire fire zones
- Up to 8 areas
- Up to 195 user codes with open/close by user
- 3 On-board relay output & 1 prog. lug
- Up to 96 relays
- Supports 4 wireless receivers
- Supports 15 GEMRP1CAE2 or K1CA keypads
- Up to 2 interior bypass groups
- 800 Event log w/ open/close suppress
- Auto arm/disarm
- 255 Event scheduler
- GEM-ACCESS access control compatibility

Gemini P9600 powerful multi-tasking hybrid control panel – feature-rich for security applications and home automation integration

GEMP9600 (cont'd)

Features:

- 8 to 96 hardwire zones/points
- Including 8 2-wire fire zones
- Up to 96 user codes
- Up to 8 areas
- 3 On-board relay outputs; expandable to 96
- 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
- GEM-ACCESS access control compatibility

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; up to 48 RF wireless points
- Including 2 2-wire fire zones
- Up to 48 user codes
- Up to 2 areas
- Fuseless, maintenance-free operation
- 3 On-board relay outputs; expandable to 24
- 1 On-board programmable lug

- Up to 2 RF receivers

GEMP3200 (cont'd)

- 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

- 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

GEMP816 (cont'd)

- 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 GEMRP8LCD 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 Individually 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-R8LCD/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)

GEM-PRINT

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

IBRIDGE & IBR-ZREMOTE MODULE

iBridge App for iPhone/iPad & Droid smart devices or optional **iBridge Touchscreen/Tablet IBR-ITAB** wireless WiFi 802.11 portable full-color tablet with on/off magnetic wall-mount/charger dock. Control alarm & video plus lights, temp., locks with bus-mount Z-Wave Module plus Z-Wave Devices. For GEM Panels, X255 thru P816 (Includes 12 Mos. Subscriber Service.) (see page 22 & 23).

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-DK1CA, GEM-K1CA, GEM-RP1CAe2. Module is mounted inside or outdoors, to display either the temperature outside or inside room temperature. Tip: If used with IREMOTEMOD Module (below), the virtual keypad shown on the consumer's iPhone or laptop includes that temperature. Example, in a remote vacation home or hunting cabin, the unit can be mounted inside so endusers can check in remotely from anywhere, and make sure the room temp. is sufficient, preventing frozen/burst pipes etc., likewise knowing if and when an HVAC system fails, can help prevent damage/molds in heat.

Express Systems with multilingual LED XP keypads

XP400WK, XP600WK, 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 RF 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. XP400/4 or XP600/4

Gemini Wireless: Proven to outperform the competition

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 buiit in 32 pt receiver (see keypads section).

See Great Wireless Paks, pgs 36 & 37

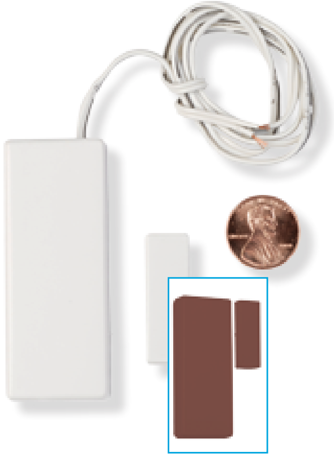
Low profile wireless window/door transmitter

GEM-TRANSLP

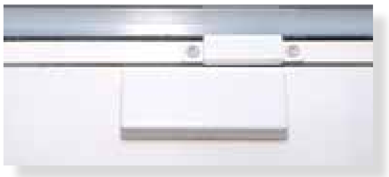
- Ultra compact design, 2.5 x 1 x 0.4 (H x W x D inches)
- Tamper supervised
- Replaceable lithium PL2032 coin cell battery (supplied
- 5-year battery life, typical
- Magnet and Internal reed switch
- External lead (24" mini connector pigtail) for wiring external devices (jumper-selectable)
- Magnet 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



Now in Brown, too,
GEM-TRANSLP-BRN



GEM-TRANSLP virtually disappears even in slimline window frames

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 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 heat detector

GEM-HEAT

- High-quality 135°F (57° C) fixed temperature detector with rate of rise
- Reliable, crystal-controlled wireless technology
- Long-life, replaceable lithium batteries

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 fortransmission 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

GEM-P816
GEM-P1632
GEM-P1664
GEM-P3200
GEM-P9600
GEM-X255

Pick a keypad

GEM-BIOREADER
OUTDOOR DIGITAL AND/OR FINGERPRINT READER

GEM-DK1CA
INCLUDES 4 ZONE EXPANSION MODULE BUILT-IN

GEM-K1CA
INCLUDES 4 ZONE EXPANSION MODULE BUILT-IN

GEM-RP1CAe2
INCLUDES 4 ZONE EXPANSION MODULE BUILT-IN

GEM-K1VPS
(GEM1664, 1632 only)

GEM-RP2ASe2

GEM-K2AS

GEM-RP3DGTL

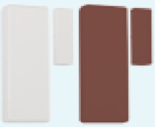
GEM-K3DGTL

GEM-K4RF
WITH 32PT RF RECEIVER BUILT-IN FOR ALL GEMINI EXPANDABLE PANELS

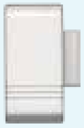
Pick a wireless device

GEM-WPPANIC WATERPROOF PANIC

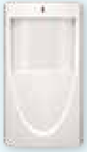
GEM-KEYF KEYFOB



GEM-TRANSLP LOW PROFILE WINDOW/DOOR -
LESS THAN 1/2" D



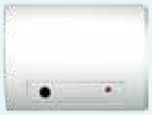
GEM-TRANS2 WINDOW/DOOR



GEM-PIR / GEM-PIRPET PASSIVE

GEM-DT DUAL TECHNOLOGY

GEM-RTRANS RECESSED WINDOW/ DOOR



GEM-GB ACOUSTIC GLASS BREAK

GEMC-WL-CO
CARBON MONOXIDE DETECTOR & RECEIVERS

GEM-SMK SMOKE

GEM-HEAT DETECTOR

GEMINI PANELS

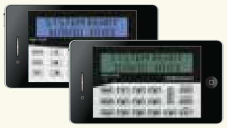
GEMINI KEYPADS		GEM	P816	P1632	P1664	P3200	P9600	X255	P801
	STAY & AWAY	K1CA/DK1CA	▪	▪	▪	▪	▪	▪	
		K1VPS		▪	▪				
		K2AS	▪	▪	▪	▪	▪		
		K3DGTL/DK3DGTL	▪	▪	▪	▪	▪		
		K4RF	▪	▪	▪	▪	▪		
		K4	▪	▪	▪	▪	▪		
	CLASSIC	RP1CAe2	▪	▪	▪	▪	▪	▪	
		RP2ASe2	▪	▪	▪	▪	▪		
		RP3DGTL	▪	▪	▪	▪	▪		
		RP8LCD							▪
		RP8/K800							▪

Pick a smart phone/tablet interface

(optional)

BRIDGE HOME CONTROLS APP
FOR ANY SMART PHONE OR DEVICE**

OPTIONAL IBR-ITAB
IBRIDGE TOUCHSCREEN TABLET



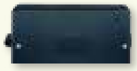
IREMOTEMOD/12
IREMOTE VIRTUAL KEYPAD MODULE
*(**REQUIRES IPHONE/BLACKBERRY/DROID SMARTPHONE OR COMPUTER).*

(NOTE: iBridge Touchscreen may also be the primary keypad, See pg. 8).

Pick a panel accessory

iBridge

IBRIDGE IBR-ZREMOTE
SINGLE Z-WAVE DEVICE & REMOTE SERVICES CONTROL MODULE
[Note: IREMOTE-MOD Also available for remote control w/o Z-Wave]



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
ADD-ON ACCESS CONTROL (HID® OR GEM-PX)

Pick a wireless receiver

(Choose by # of wireless points)

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

Choose communication options

StarLink
SLE-GSM-3/4G
& SLE-CDMA
UNIVERSAL PRIMARY OR BACKUP GSM RADIOS

StarLink Sole Path Fire Communicators
SLE-CDMA-FIRE or
SLE-GSM-FIRE
Merchantile Versions
SEE PAGE 4 FOR MODELS

NetLink
NL-MOD
BY-ZONE INTERNET REPORTING FOR GEMINI

NET-COMM
UNIVERSAL 5 CHANNEL REPORTING CODES ALL PANEL BRANDS

NetLink
NL-RCV-RMPCUL
UL864/1610 RECEIVER FOR UL CENTRAL STATIONS

Smarter Cellular Solutions. Any Panel. Anywhere in US.

StarLink RADIOS

StarLink^3 3G/4G

Universal 3G/4G Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

Same Great Performance/ New Look

SLE-GSM3/4G

- Full event 3G/4G GSM wireless reporting from any panel brand, virtually anywhere
- Same Great Performance, New Look
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Smart Phone App for Customer Remote Arm/Disarm
- Under $50NET with Cost-Saver Upgrade Incentive
- Bonus High Speed Up/Downloading with Gemini
- UL Listed; Compliances: UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

StarLink^3 SLE-CDMA

Universal CDMA Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

verizon NETWORK CERTIFIED

SLE-CDMA

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all alarm panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee
- Smart Phone App for Customer Remote Arm/Disarm
- Under $50NET with Cost-Saver Upgrade Incentive
- Bonus High Speed Up/Downloading with Gemini
- UL Listed; Verizon Network Certified

StarLink^3 SLE-GSM-FIRE

Universal Sole Path Fire Cellular Communicator
Works on Virtually Any Panel or FACP, Virtually Anywhere!

SLE-GSM-FIRE

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all 12V-24V FACP/panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Bonus: Full High-Speed Napco Panel remote up/downloading
- Merchantile Versions available, in metal housing with provision for backup batteries; direct connect 120VAC or with power supply.
- Compliances: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

StarLink^3 SLE-CDMA-FIRE

Universal CDMA Back-Up or Primary Alarm Communicator
The Ideal 2G Sunset Solution
Works on Virtually Any Panel, Virtually Anywhere!

verizon NETWORK CERTIFIED

12V-24V FACP Support

SLE-CDMA-FIRE

- Universal CDMA Network full event reporting from any panel brand, virtually anywhere
- For use with all 12V-24V FACP/panels that communicate using Contact ID/4/2
- Easiest 4-Wire Installation & Activation with Dialer Capture
- Reports to any Central. NO special equipment. NO radio activation fee.
- Bonus: Full High-Speed Napco Panel remote up/downloading
- Merchantile Versions available, in metal housing with provision for backup batteries; direct connect 120VAC or with power supply.
- Compliances: NFPA72 Editions: 2013, 2010, 2007; UL 864, 9th Ed., UL1610, UL985, UL1023, UL1635

Firewolf Conventional Fire/ Lifesafety Devices

Advanced photoelectric smoke detectors

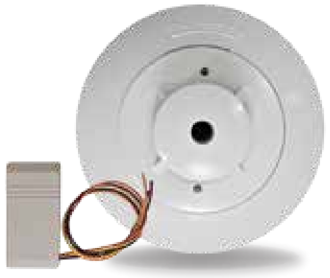
Proven to more accurately detect a wide range of fire types and to reliably, outperform conventional photoelectric detectors. Detects virtually all types of fires including paper, wood, gasoline, polystyrene, and smoldering fires.

FW-2 2-Wire
FW-4 4-Wire

- Low Profile
- RF/Transient Protection
- Two built-in power/sensitivitesupervision/alarm 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°F fixed



More sound in fire...

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

FW2S Smoke Detector with built-in sounder
FW-RM1 Reversal Module

Advanced photoelectric smoke with built-in thermal heat detector

FW2-H 2-Wire with heat, **FW4-H** 4-Wire with heat

Same features as FW-2 & FW-4 plus –

- Built-in thermal heat sensor for more fire codes requiring 135°F fixed.

Firewolf 12/24VDC carbon monoxide detectors

FW-CO12 12VDC

FW-CO1224 12/24VDC (selectable)

- Designed for professional residential & commercial alarm systems
- UL2075 Listed. Tested to meet UL2034 CO response requirement
- 12 to 24VDC for varied applications
- Attractive compact styling (under 5'') and neutral color for every décor
- Precise solid state infrared sensor technology & smart microprocessor optimize life safety & detection accuracy
- Patented technology: Simulates CO gas level response in human blood stream
- Independent lab tests prove superior false alarm immunity over electrochemical units (Lawrence Berkeley National Laboratory #40566)
- Powerful 85db alarm sounder & LED
- Easy Test/ Silence-Reset button

Also See New Wireless Carbon Monoxide Detector, GEMC-WL-CO, for residential and commercial systems, page 33.

Conventional pull stations

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

Note: Photo may differ slightly from actual item.

Napco Wired Motion Sensors: Decades of innovation inside

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

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 accidently 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.

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

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 40°F - 90° 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

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

Economical PIR sensor with look-down

PIR1510

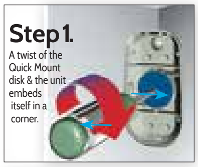
- 30' x 30' broad range coverage
- Attractive, super-compact size
- SSP™ (Signal Selective Processing) for the easiest and most stable installations
- Advanced, EZ-Aim fresnel lenses and lens bank for optimum detection performance
- Long-range, barrier and specialty lenses are available to suit all coverage needs
- Wall or corner mountable, with horizontal and vertical adjust
- EMI-/RMI-/lightning protection with resilient SMD circuitry
- Form A relay
- PIR1500 version also available, as above, without look-down/creep zone.

The pet-immune PIR with Quick-Catch that profiles false alarm sources and virtually installs itself

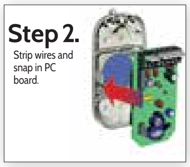
For decades, NAPCO's innovative technology has produced sensors with superior false alarm discrimination. Today NAPCO is a leader in smart PIR technology, P.E.T. immunity, and décor-enhancing design.

IQ PROFILER™

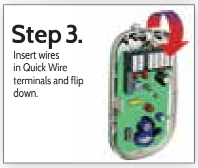
- 50lb. pet immunity (22.7Kg) & superior false alarm discrimination with unique dual focal lenses.
- Installation in a snap with patented Quick-Mount and Quick-Wire terminals
- Maximum range: 50' x 50'
- New & improved quick-catch mode
- Décor white bi-optic contour case and dual focal lenses provide 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



Step 1. A twist of the Quick Mount disk & the unit embeds itself in a corner.



Step 2. Strip wires and snap in PC board.



Step 3. Insert wires in Quick Wire terminals and flip down.

Step 4. Replace cover -

IQ VISION Advanced PIR with "IQ Look" and now all-white styling

- 40' x 40' range; 30lb. pet immunity
- 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
- Excellent EMI-/RMI-/lightning protection with resilient SMD circuitry
- Tamper supervised
- Form A relay (Form C option)
- Long-range, barrier and specialty lenses are available to suit all coverage needs
- Wall or corner mountable, with horizontal and vertical adjust

Gemini Access: Add Access Control to Gemini Alarms from the P3200 to Napco Commercial GEMC-Series

Integrate Access with Intrusion Systems:

- Cost efficient access solution, easily added & installed, affordable for even small to mid-size installs
- Seamless Integration with Gemini Control Panels GEMP3200, P9600, X255, GEMC; Napco Commercial Systems easily programmed with Napco Quickloader (single site programming and shared database)
- Supports HID & Gemini Prox Cards and Readers (both offered in money-saving kits)
- 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 right).
- 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 (GEM-PX) Cards & Readers

Gemini Access

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 peader

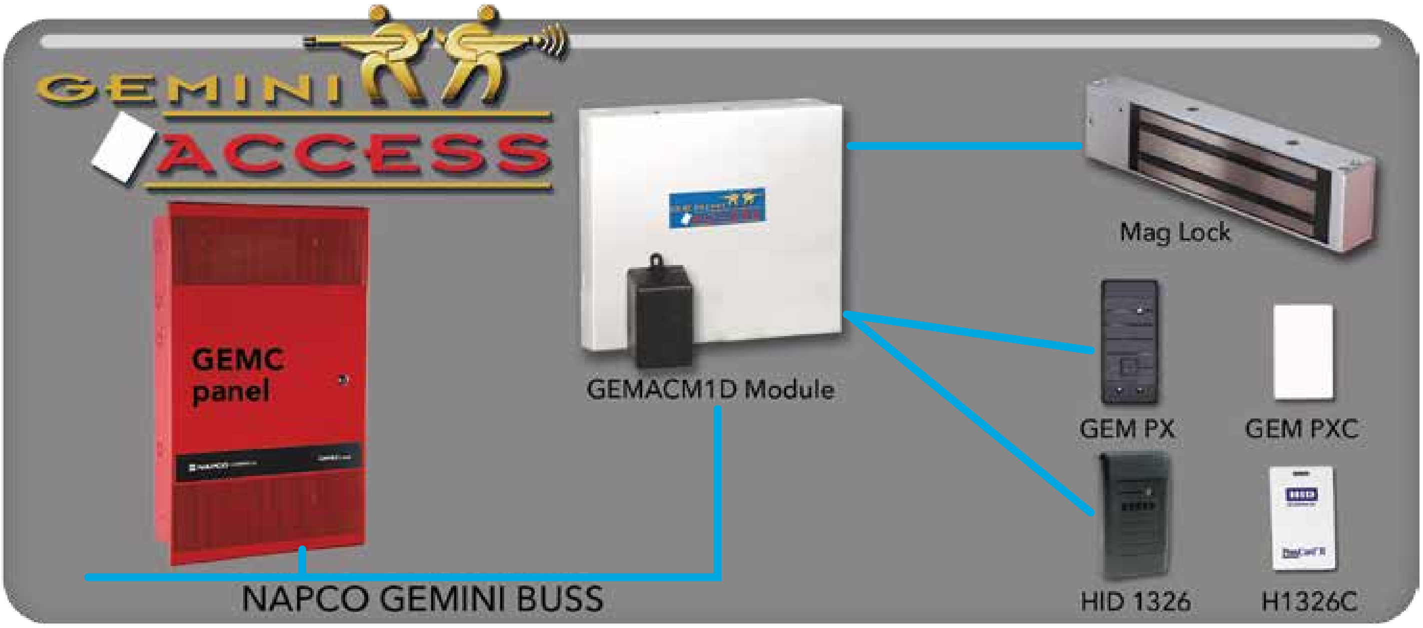
GEM-H1326C/100 100 Additional HID cards

PCD-MANAGER *INCLUDED* with GEM-Access (see below) on-site mgt. software

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

Increases ID cardholder capacity to 1000

Napco's GEM-ACCESS Alarm/Access Control Integration System, supported by the GEMP3200, P9600 & X255 and Napco Commercial GEMC Security Panels, enables you to give 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.



GEM-ACMID adds integrated access control to the burglar alarm functions of the GEMP3200, 9600, X255 and GEMC Napco Commercial Systems

Gemini Access: PCD-Manager (cont'd)

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)
- **Now supports the Windows Quickloader "Extended Export Files", so you can import cards and personnel directly from the Windows Quickloader.**
- 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)

Gemini Access capacities, maximum by panel

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

NEW!

Gemini Wireless: Proven to outperform the competition

GEMC-WL-CO

WIreless Carbon Monoxide Detector (for for Gemini, FIrewolf & GEMC Commercial Systems & Receivers)

- High-Quality carbon monoxide detector
- Supervised, digitally coded wireless transmitter
- Visual and audible alarm and low battery indicators.
- For use with Gemini and Gemini Commercial Grade Wireless Receivers GEM-RECV and Commercial GEMC-RECV Series
- 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
- Meets or exceeds codes: UL 2075 , UL 2034

Napco Commercial & Government Solutions

NAPCO
COMMERCIAL & GOVERNMENT SOLUTIONS

Integrated Intrusion • Fire • Video • Access • Locking

- **Innovative integrated enterprise class solutions -** reliable, high-quality security, life-safety, video, access and/or locking technologies integrated in one scalable interoperable platform called **Napco Fusion™.**
- **Comprehensive Expert Support -** for endusers, architects and engineers, security consultants and commercial integrators
- **Professional Tools, Training & Communications -** A growing list of the latest design support tools, CSI specifications, CAD diagrams and configuration aids are available on our website. Go to http://goo.gl/cbTdU An expert online support forum ensures continuous news and information is disseminated. Accredited training is provided in the field and in live and archived webinar modules online.
- **Strong Security Heritage -** Napco Security Technologies, Inc. (NASDAQ: NSSC) has been solely dedicated to developing and manufacturing innovative professional security solutions since its founding in 1969.
- **Industry-Leading Brands –** Napco Commercial™ Gemini™, Continental CardAccess®, Alarm Lock Trilogy®, Networx™and Marks-USA™
- **Commitment to Quality -** ISO9001:2000 Certified and subscribing to a rigorous quality management system, Napco products are precision-manufactured to meet or exceed industry specs.
- **Built to Last -** Napco stands behind its products with among the longest warranties in the industry and even legacy systems are often field upgradable for lowest maintenance costs. Today, millions of people, businesses, institutions & residences around the world are protected by Napco products. Napco Security Systems & Peripherals are backed with a 36-month factory warranty.

Napco Security Technologies, Inc. (NASDAQ: NSSC) is ISO9001:2000 Certified and subscribes to a rigorous quality management system. Its products are precision manufactured to exceed industry standards, to be long lived and feature the lowest total cost of ownership. The Company includes some of the industry's best-known brands: Napco Security (encompassing Gemini, StarLink, Firewolf & iBridge), Continental Access, Alarm Lock and Marks USA, and their security solutions, such as, NapcoFusion™ Interoperable Scalable Enterprise Securitiy Platform; CardAccess enterprise-class access systems; Trilogy standalone & wireless networked Networx PIN/Prox-ID access locks & new ArchiTech Networx customizable with over 300 trims and finishes; plus Lock-Down School Solutions, also from sister division Marks USA, respected for architectural, commercial & institutional locksets, including LocDown™ Classroom Intruder Locksets & LifeSaver™ door hardware for healthcare–all backed by Marks' Lifetime Mechanical Warranty.

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Comparison of Gemini panel features & accessories

FEATURES	GEMINI ALARM PANELS			
	GEM-P800	**GEM-P801**	**GEM-P816**	**GEM-P1632**
ZONES ON BOARD	(acts as) 6	8	8	8
MAX. # ZONES	6	9	16	32
ZONE EXPANSION (**NOTE: Each Custom Alpha Keypad** adds 4 Built-in Zones) (2 on RP8LCD)	2 Wireless Only Zones	2 Wireless Only Zones	2xGEM-EZM4/8 1xGEM-EZM8	6xGEM-EZM4/8 3xGEM-EZM8
USER CODES	8	8	16	32
# OF FIRE ZONES; 2 WIRE FIRE	1 2/4 WIRE	1 2/4 WIRE	UP TO 16; 2 2-WIRE	UP TO 32; 2 2-WIRE
KEYPADS OR USER INTERFACES SUPPORTED PLUS iBridge Connected Home	4(total) GEM-RP8 RP8LCD or GEM-K800 IREMOTEMOD/12 (Note: iBridge Services NOT supported.)	4(total) GEM-RP8 RP8LCD or GEM-K800 IREMOTEMOD/12 (Note: iBridge Services NOT supported.)	7 (total) GEM-RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL or DK1CA DK3DGTL, K4RF, K4 *-PLUS-* IREMOTEMOD/12; iBridge App or IBR-ITAB Touchscreen	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-ITAB Touchscreen
CONTROL4 CERTIFIED INTEGRATION, SDDP & ETHERNET	NO	NO	Control4 CERTIFIED	Control4 CERTIFIED
EVENT LOG	50	50	256	400
# OF AREAS	1	1	1	2
# OF OUTPUTS	2	2	3	3, UP TO 11 (Using RB3008 Relay Modules)
# OF WIRELESS RECEIVERS SUPPORTED	2 (GEM-RECVXP8 only)	2 (GEM-RECVXP8 only)	2 (GEM-K4RF, RECV32)	2 (GEM-K4RF RECV32/96)
# WIRELESS POINTS	8	8	16	32
# WIRELESS KEYFOBS	4	4	8	8
AUTO ARM	-	-	YES	YES
OPEN/CLOSE SUPPRESSION	-	-	YES	YES
AUTO DISARM	-	-	-	-
SCHEDULES	-	-	-	-
LINE CUT DETECT	YES	YES	YES	YES
BELL SUPERVISION	YES	YES	YES	YES
COMMUNICATION FORMATS	CONTACT ID; 4/2 & StarLink Cellular	CONTACT ID; 4/2 & StarLink Cellular	CONTACT ID; 4/2 & StarLink Cellular, SIA	CONTACT ID; 4/2 & StarLink Cellular, SIA
INPUT POWER	16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC
MAX STANDBY CURRENT	500mA	650mA	650mA	650mA
ALARM CURRENT	2 AMPS	2 AMPS	2 AMPS	2 AMPS
AVALABLE IN THESE CONFIGURATIONS	GEM-P800 Control, Keypad & Transformer	GEM-P801 Control, RP8 Keypad & Transformer	GEM-P816 Control & Transformer.	GEM-P1632 Control & Transformer
		GEM-P801ALPHA Control, Custom Alpha RP8LCD Keypad & Transformer	816PERFPAK Control, GEM-RP3DGTL Keypad, Transformer Also, **K816PERFPAK**, same but w/ GEMK3DGTL stay away style keypad	
		801LCD-SUPERSVR Control, Custom Alpha RP8LCD Keypad, Siren, PIR1680PT, Jack, Cord, 4AH Battery & Transformer	816PERFPAKPLUS Control, GEM-RP3DGTL Keypad, Transformer, Siren, PIR, Jack, Cord, 4AH Battery Also, **K816PERFPAK**, same but w/ GEMK3DGTL stay/away style keypad	GEM-K120PAK Control, Fixed LCD Keypad w/ built in 32pt RF Receiver and stay/away style keys, Siren, PIR1680PT, Jack, Cord, 4AH Battery, Transf.
		801KSUPERSAVER Control, K800 LED Keypad w/Stay/Away Keys, Siren, PIR1680PT, Jack, Cord, 4AH Battery & Transformer	816PREMPAK Control, GEM-RP1CAe2 Keypad, Transformer Also, **K816PREMPAK**, same but w/ GEM-K1CA stay/away style keypad	1632INTROPAK Control, GEM-RP1CAe2 Keypad, Transformer Also, K1632INTROPK, same but w/ GEM-K1CA stay/away style keypad
		801SUPERSAVERPK as above but with RP8 LED Keypad with classic RP Keys		GEMP1632DK1WL Control, GEM-DK1CA Alpha Door Keypad, Xformer, Wireless GEM- PIRPET, 3ea.Low-Profile -TRANSLP, 32pt Receiver.

GEMINI ALARM PANELS

GEM-P1664	GEM-P3200	GEM-P9600	GEM-X255
8	8	8	8
64	32/48	96	255
GEM-EZM4/8 GEM-EZM8	3xGEM-EZM8	3xGEM-EZM8 1xGEM-EZM8	GEM-EZM8 31xGEM-EZM8
64	48	96	195
UP TO 64; 2 2-WIRE	UP TO 32; 2 2-WIRE	UP TO 96 WITH UP TO 8 2-WIRE FIRE	UP TO 255 WITH UP TO 8 2-WIRE FIRE
7 (total) GEM-K1VPS, K1V, RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS or DK1CA DK3DGTL, K3DGTL K4RF, K4 *-PLUS-* IREMOTEMOD/12; iBridge App or IBR-ITAB Touchscreen	7 (total) GEM--RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL or DK1CA DK3DGTL, K4RF, K4 *-PLUS-* IREMOTEMOD/12; iBridge App or IBR-ITAB Touchscreen	15 (total) GEM--RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL or DK1CA DK3DGTL, K4RF, K4 *-PLUS-* IREMOTEMOD/12; iBridge App or IBR-ITAB Touchscreen	15 (total) GEM-RP1CAe2 GEM-K1CA GEM-DK1CA *-PLUS-* IREMOTEMOD/12; iBridge App or IBR-ITAB Touchscreen
Control4 CERTIFIED	Control4 CERTIFIED	Control4 CERTIFIED	Control4 CERTIFIED
400	800	800	800
4	2	8	8
3 UP TO 16 (Using RB3008 Relay Modules)	3, UP TO 27 (Using RB3008 Relay Modules)	3, UP TO 99 (Using RB3008 Relay Modules)	3, UP TO 99 (Using RB3008 Relay Modules)
2 (GEM-K4RF RECV32/96)	3 (GEM-K4RF RECV32/96)	4 (GEM-K4RF RECV32/96)	4 (RECV32/96/255)
64	48	96	255
8	8	16	16
YES	YES	YES	YES
YES	YES	YES	YES
-	YES	YES	YES
-	255	255	255
YES	YES	YES	YES
YES	YES	YES	YES
CONTACT ID; 4/2 & StarLink Cellular, SIA	CONTACT ID; 4/2 & StarLink Cellular, SIA, Modem II	CONTACT ID; 4/2 & StarLink Cellular, SIA, Modem II, (RS232 output option)	CONTACT ID; 4/2 & StarLink Cellular, SIA, Modem II, (RS232 output option)
16.5VAC	16.5 VAC	16.5 VAC	16.5 VAC
650mA	650mA	750mA	750mA
2 AMPS	2 AMPS	2 AMPS	2 AMPS
GEMP1664 Control & Transformer	GEM-P3200 Control & Transformer	GEM-P9600 Control & Transformer	GEM-X255 Control & Transformer
GEMP1664VPSPK 4-area control, Multifunction LCD Coded Talking Keypad w/ built in UL siren, occupancy sensor and 25'Pet PIR (GEM-K1VPS); transf.	Optional Mercantile Housing, H1217 or w/ unit GEM-P3200M	Optional Mercantile Housing, H1217 or w/ unit GEM-P9600M	
GEMP1664DK1PK 4-area control, in oversized locking enclosure, Door-Style Keypad (GEM-DK1CA), transf.			

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 GSM & CDMA Radios, NAPCO Commercial 24V Addressable/Conventional/Wireless Systems; Firewolf Fire Panels & Devices; iBridge Connected Home Remote Services with new iBridge Messenger SMS/MMS Notifications and Gemini intrusion and fire systems. NAPCO's many award-winning products are proven reliable, built to last, and proudly backed by the industry's longest warranty.

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