At Napco, we appreciate the continued loyalty of our security professional customers and hearing from you - what you like about our products &/or what you'd like to see next. Included here is some of that feedback along with some fast market facts. Thanks for the support.

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Free Pro Trainings in the Field & Online Nationwide, Many CEU-accredited.

www.napcosecurity.com/seminars
Fire Alarm Systems & Devices

These FACPs are a perfect fit for a lot of applications. We can do a few fire zones of both conventional and addressable, and they have wireless, expandability and lots of power when they’re needed. Techs like the ease & big can. I like the great value.

Features:
- **Up to 96 outputs** - 4 on board Class B NACs, Expandable to 24 NAC (or 2 on board Class A NAC circuits)
  > Fire 4-wire bus devices:
    > 8 zone Form C relays (GEMC-RM3008)
    > 8 open collector outputs (GEMC-OUT8)
  > UL-Regulated outputs.
- **Up to 255 Zone Inputs** - From addressable, conventional or wireless initiating devices
  > 2ea. 126pt addressable SLC loops
  > Conventional 8-zone EZM expansion modules on 4-wire bus or SLC Loops (GEMC-EZM8)
  > Conventional 1-or 2-point expansion modules for fire SLC loops (FWC-FSLC-EZM1 or -EZM2)
  > Conventional 2- or 4-wire smoke detector for fire SLC loop (FWC-FSL-CZM)
  > Assorted Commercial Wireless Fire Devices with 255-Pt. RF Receiver (GEMC-RECV)
- **Built in Sync/Strobe/Horn Module** (System Sensor & Wheelock protocols)
- **Built in dual line DACT**
- **Optional Cellular Commercial Fire Dual or Sole Path LTE Cell Reporting with StarLink Fire™ Communicators (see pg 7)**
- **New! Cloud-based Programming** (used in conjunction with Cellular Communicator (above))
- **2 Onboard Serial Ports** - One for internet reporting; One for high-speed local downloading
- **Powerful battery capacity up to 32Ah total**
- **Longer SLC loop lengths, support more device loads each**, too (see below for distance at maximum device load in alarm/standby each):
  > 10,000 ft. #14AWG • 6,200 ft. #16AWG • 4,000 ft. #18AWG
- **Comprehensive local and remote programming & diagnostics**
- **Printable AHJ reports of analog device sensitivity settings with current readings (uploadable)**
- **Regulated Auxiliary Power Supply** - Commercial fire, 12V regulated 2A
- **Addressable SLC Loop Isolator Option (FW-FSLC-ISO)** - For use on some fire applications requiring increased circuit integrity, e.g., meets Class A, Style 7 loop requirements.
- **Easy Wire Compatibility** - Addressable SLC controller supports shielded, unshielded, twisted and untwisted wire - ideal for retrofits
- **Support for Legacy and Existing Notification Appliances** - One NAC output configurable for 12V for easy retrofit compatibility
- **Choice of two enclosures** - Between the studs enclosures, recess or surface mount
  > Larger version supports up to 32 AH at 24V. Dimensions: 24" x 14.25" x 5.2" (H x W x D) without cover. Removable battery shelves, accommodate pairs of 7Ah, 7.5Ah and 8Ah batteries
  > Medium Enclosure - supports 16 AH at 24V. Dimensions: 16" x 14.25" x 5.2" (H x W x D) without cover. (*Note: Only 1 SLC is accommodated.) 16Ah battery backup capacity
- **Compliances:** NFPA 72, UL Commercial Fire, UL864, UL985, CSFM, LAFD and NYC FD
### Firewolf Fire Systems

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<td>4A</td>
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<td>Cell &amp;/or IP Announcer</td>
<td>GEMC-FK1 incd</td>
<td>GEMC-FK1 incd</td>
<td>GEMC-FK1 incd</td>
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<td>16 x 17’, Removable Door, Locking, Flush or Surface Mt.</td>
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### Fire Link Cell/FACP

- **Fi rebus Devices**

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<th><strong>GEMC-F8ZC</strong>IM</th>
<th><strong>32</strong> Fire Zone Expander</th>
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<tr>
<td><strong>GEMC-EZM8</strong></td>
<td><strong>8 Zone Conventional Addressable Monitor Module</strong></td>
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<tr>
<td><strong>GEMC-9YM</strong></td>
<td><strong>8 Zone Conventional Zone Monitor Module</strong></td>
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<tr>
<td><strong>GEMC-WL-SMK</strong></td>
<td><strong>8 Zone Conventional Zone Input Relay Module</strong></td>
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<td><strong>GEMC-WL-MK</strong></td>
<td><strong>8 Zone Conventional Zone Input Relay Module</strong></td>
</tr>
<tr>
<td><strong>GEMC-WL-MK2</strong></td>
<td><strong>8 Zone Conventional Zone Input Relay Module</strong></td>
</tr>
<tr>
<td><strong>GEMC-RM3398</strong></td>
<td><strong>8 Zone Conventional Zone Input Relay Module</strong></td>
</tr>
<tr>
<td><strong>GEMC-RECV</strong></td>
<td><strong>Wireless Receiver</strong></td>
</tr>
</tbody>
</table>

**Note:** The four GEMC-RECV max. is reduced by 1 for each SLC module.
For Firewolf & FireLink models & options, also see chart pg 2 and Ordering pg 6

Features:
• FACP: 8 to 32 Zone Conventional Fire Alarm Control Panel (Firewolf®), 8 conventional fire zones, suitable for 2-wire fire, expandable to 32; 2 programmable NAC circuits, 2A max @ 24V
• Annunciator: Menu-driven operation with backlit custom alphanumeric display and functionality for Reset, Acknowledge, Silence (with disable).
• Sole Path or Dual Path Cell/IP LTE Cellular Communicator, Commercial Fire (Firelink®) Onboard: Reports on choice of cyberprotected multibillion-dollar cellular LTE (long term evolution) networks, for maximum longevity, security & liability protection, code-compliant, replaces 2 POTs lines
• Reports to any Central Station, via dial up or IP, without any special equipment.
• Integrated sync and smart operation support on each NAC for System Sensor® and Wheelock® Notification Devices
• Power Supply, 4A @ 24V
• Regulated Auxiliary Power Supply - Commercial fire, 12V regulated 2A
• 2 Onboard serial ports - one for high-speed local downloading
• Preprogrammed, or optional Quickloader® Software custom programmable.
• New! Cloud-based programming for all zones/features
• Locking Mercantile Enclosure for surface mount* or recess mounting (between the studs) 16" x 14.25" x 5.2" (H x W x D) without cover, Houses up to 16Ah @ 24V battery backup capacity. * Note: For flush mount applications, use external antenna (see ordering info.)
• 36-Month Napco Warranty

For Firewolf & FireLink models & options, also see chart pg 2 and Ordering pg 6

Integrated Fire Alarm Control Panel w/ StarLink Fire Cell Built In

This all-in-one alarm means we don’t have to worry about adding a cell communicator... saving us time, labor & equipment. The preprogrammed setup makes it great for conventional water flow right out of the box, as it sits, and we do a lot of those.

Award-winning FireLink Integrated 8-32Pt Fire Alarm Control Panels with built-in StarLink Cellular & Menu Driven Annunciator will save you both time & money, while offering a new RMR stream from Fire. FireLink™ starts off as an 8 conventional point, all-in-one cellular FACP solution, preprogrammed, ready-out-of-the-box, for winning more fire alarm accounts.

Be more competitive, meeting today’s NFPA/UL code, with proven StarLink Fire LTE sole or dual path reporting built in, and make new RMR while saving fire accounts thousands of dollars vs. 2 landlines. Value-packed, featuring built-in LCD Annunciator, onboard horn/strobe sync module, 4A power supply & expandability up to 32 points with conventional, commercial wireless or addressable devices, cloud- or PC-programmed. For the best reliability coast-to-coast, FireLink and all StarLink LTE’s offer a choice of AT&T or Verizon Networks, Signal Boost™ and dual diversity, precision LTE antennae design, maximizing signal acquisition and null-avoidance even in fringe areas. Also, with StarLink Inside, dealers can enjoy the industry’s most generous cellular tradeup incentive.

• Firewolf 8 Zone 24V Conventional Commercial Fire Alarm Control Panel with
  > Built-in Starlink Fire® Sole or Dual Path, LTE Cellular Alarm Communicator onboard
  > Built-in integral menu-driven LCD annunciator
  > EZ 8 Zones Preprogrammed out-of-the-box - Ideal Waterflow Panel
• Expansion up to 32 zones, with mix/match of conventional, wireless or addressable devices
• New! Cloud-Based Programming option for expansion or custom programming
  (in addition to PC Quickloader Software)
• 2 onboard NACs providing up to 4A notification power
• 4A, 24V power supply
• New! Sole Path Cellular or Dual Path Cell/IP Models
• Choice of AT&T or Verizon LTE network coverage for LTE (Long Term Evolutions) longest cellular lifespan nationwide, dependable StarLink LTE performance with dual diversity antennae & Signal Boost circuitry
• Prematched, prewired components, optimized and integrated in all-in-one compliant system - Easier AHJ inspections, fewer concerns over cross-listed devices

Conveniently Preprogrammed -
• Zone 1 Waterflow
• Zone 2 Supervisory (Tamper)
• Zone 3 Conventional Fire Zone
• Zone 4 Conventional Fire Zone

Default Program
• Zone 5 Conventional Fire Zone
• Zone 6 Conventional Fire Zone
• Zone 7 Conventional Fire Zone
• Zone 8 Supervisory (Cell/IP Communicator Trouble)
• Plus Expansion up to 32 Zones/Pts

Ordering Information:
FL-FACP32-LTEV As above but Sole Path AT&T LTE Network.
FL-FACP32-LTEV FireLink Control Panel, as above, but with onboard Starlink Fire® Dual Path Verizon Cell/IP, LTE Alarm Communicator
FL-FACP32-LTEVA FireLink Control Panel, as above, but with onboard Starlink Fire® Dual Path, AT&T Cell/IP LTE Alarm Communicator

FACP Expansion Options:
• Expandable with conventional, SLC addressable or commercial wireless devices
• Main FACP board supports 1 Addressable Fire SLC (addressable Signaling Line Circuit controllers)
• Fire 4-wire bus for annunciators and non-SLC (conventional) devices, including 12V devices
• Supports up to 6 additional RED fire annunciators, GEMC-FK1, mounted anywhere on the bus (flashable/updatable firmware)
• Addressable SLC LOOP Isolator (opt. use - for fire applications requiring increased circuit integrity, e.g., meets Class A, Style 7 loop requirements.
• SLC Fire Devices supported: Analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator
Napco Gemini Commercial™

Integrated Platform

The GEMC Line gives us the ability to do the different technologies (conventional, analog addressable and wireless) all from the same panel. Plus, being able to add on Burg. (module) and up to 8 doors of Access Control, makes us more flexible & competitive in all requirements.

Features:

- Up to 255 Zones Points from addressable, conventional or wireless initiating devices (in up to 8 partitionable areas)
  - 2ea. 126pt addressable SLC burglary or fire loops using Fire Addressable SLC Loop Controller (GEMC-FWSLC) or Burg Loop Controller (GEM-CBSLC)
  - Conventional 8-zone EZM expansion modules on 4-wire burg or fire bus (GEMC-EZM8)
  - Conventional 1-or 2-point expansion modules for fire SLC loops (FWC-FSLC-EZM1 or -EZM2)
  - Conventional 2- or 4-wire smoke detector module for fire SLC loop (FWC-FSL-CZM)
  - Assorted Commercial Wireless Fire Devices with 255-Pt. RF Receiver (GEMC-RECV)
- Up to 96 outputs - 4 on board Class B NACs, Expandable to 24 NAC (or 2 on board Class A NAC circuits) 2 amps each, total 6.5 amps at 24V
  - Fire 4-wire bus devices: 8 zone form C relays (GEMC-RM3008);
  - 8 open collector outputs (GEMC-OUT8). UL-Regulated outputs.
- Up to 8 doors of Access Control with Access Control Module Option & Free Enduser Management Software
- Built in Sync/Strobe/Horn Module (System Sensor & Wheelock protocols)
- Built in dual line DACT
- Optional TCP/IP reporting (GEMC-NLMOD2 & -W)
- Optional Cellular LTE Reporting with StarLink Communicators
- 2 Onboard Serial Ports - One for internet reporting; One for high-speed local downloading
- Supports up to 15 Keypads, mounted anywhere on the bus. Standard Keypads (GEMC-BK1) or up to 7 Firewolf Fire Annunciators (GEMC-FK1) (only 1 fire annunciator required on fire system, enables equipment savings.)
  - Easy-to-use Menu- Driven backlit Gemini-style operation with custom alphanumeric display & functionality
  - OTA firmware for updates via Quickloader program command
  - Firewolf Fire Menu-Driven Custom Alpha Annunciators -for Reset, Acknowledge, Silence (with disable) & customizable Quick-Start Preset Program
  - Full Keyswitch Support
- Easy cost-effective retrofits - supports conventional legacy devices & existing wiring (all types/gauges) shielded, unshielded, twisted and untwisted wire
- Powerful battery capacity up to 32Ah total
- Isolated backup battery circuits for Burglary and Fire for EZ backup calculation and AHJ compliance; accommodate separate backup times for burg and (extended) fire.
- Choice of two enclosures - Between the studs enclosures, recess or surface mount
  - Larger version supports up to 32 AH at 24V. Dimensions: 24” x 14.25” x 5.2” (H x W x D) without cover. Removable battery shelves, accommodate pairs of 7Ah, 7.5Ah and 8Ah batteries
  - Medium Enclosure - supports 16 AH at 24V. Dimensions: 16”x 14.25” x 5.2” (H x W x D) without cover. (*Note: Only 1 SLC is accommodated.) 16Ah battery backup capacity
- Compliances - NFPA 72, UL Commercial Fire, UL864 10th Ed., SIA CP01, UL985. UL household & commercial burg.: UL1610, UL609, UL365, UL1023. CSFM

Also see GEMC Intrusion/Burg Configurations, in 96, 128 or 255 points. See Kits pg 5
## Gemini Commercial Integrated &/or Intrusion System Kits

### COMBINATION

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<td>8, 128</td>
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<td>✓ Bureg Module w/ Power Supply onboard (Auto reg. Keypad, GEMC-BK1 not incld)</td>
<td>✓ Bureg Module w/ Power Supply onboard (Auto reg. Keypad, GEMC-BK1 not incld)</td>
<td>✓ Includes Bureg Module with Keypad w/ 4 Zones (GEM-BK1)</td>
<td>✓ Includes Addressable Bureg Module &amp; Keypad w/ 4 Zones (GEM-BK1)</td>
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<td>✓ Up to 8 doors access (Req. GEM-ADM10/-20) (not incld)</td>
<td>✓ Includes Bureg Module &amp; Keypad w/ 4 Zones (GEM-BK1)</td>
<td>✓ Includes Addressable Bureg Module &amp; Keypad w/ 4 Zones (GEM-BK1)</td>
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<td>White 14 x 25', Door, Locking, Flash or Surface Mt.</td>
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<td>NFA 72, UL UL864 9th Ed., UL1200, UL 2680, UL 365, UL 1023 CSM</td>
<td>NFA 72, UL UL864 9th Ed., UL1200, UL 2680, UL 365, UL 1023 CSM</td>
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</tbody>
</table>

### BURGLARY

- **Special Features**: Includes Burg Module & Keypad w/ 4 Zones (GEM-BK1).
- **Optional Access Control**: Up to 8 doors access (Req. GEM-ADM10/-20) (not incld).
- **Programming**: Quickloader Up/Downloading.
- **NACs/Max. NACs (Class B)**: 4, up to 24.
- **Notification Power**: 6.5A.
- **Horn/Stroke Sync on NACs**: Wheelock/3x Sensor protocol.
- **DACT w/TCP/IP option**:✓.
- **Cell &/or IP Option**:✓.
- **Fire Keypad Annunciator**:
- **Housing**: GEMC-FK1 incld Red 14 x 25', Removable Door, Locking, Flash or Surface Mt.
- **Max. Battery**: 32AH.
- **Compliances**: NFA 72, UL UL864 9th Ed., UL1200, UL 2680, UL 365, UL 1023 CSM.
ACCESSORIES AND OPTIONS

COMMERCIAL FIRE & BURGLARY OPTIONS:

NAPCO COMMERCIAL COMBINATION BURGLARY/FIRE KITS

GEMC-BURG96KT
96 Pt GEMC 24V Addressable Comm’l Burg System Kit, Medium, White w/ BK Keypad

GEMC-ADDRG128
128 Pt GEMC 24V Addressable Commercial Burg System Kit, LG, White w/ BK Keypad

GEMC-ADDRG255
256 Pt GEMC 24V Addressable Commercial Burg System Kit, LG, White w/ BK Keypad

GEMC-BACNV255KT
Similar to above, but Conventional Kit, LG, w/ BK Keypad

FIREFWOLF COMMERCIAL FACP KITS

GEMC-FW-255KT
255 Pt 24V Firewolf FACP System Kit, LG, 2 NACs w/ Fire Annunciator

GEMC-FW-128KT
128 Pt 24V Firewolf FACP System Kit, LG, 2 NACs w/ Fire Annunciator

GEMC-FW-32KT
32 Pt 24V Firewolf FACP System Kit, Medium, 2 NACs w/ Fire Annunciator

GEMC-FW32CONVKT
Firewolf Conventional FACP Kit, Medium, w/ Fire Annunciator

FIREFLINK INTEGRATED FACP/CELL

FL-FACP32-3LTE
Verizon LTE Network 8-32 FACP, Built-in Annunciator & Cell

FL-FACP32-3TEA
AT&T LTE Network 8-32 FACP, Built-in Annunciator & Cell

FL-FACP32-3TEVI
8-32 FACP Dual Path, Verizon Cell/IP model w/Annunciator

FL-FACP32-3TEAI
8-32 FACP Dual Path, AT&T Cell/IP model w/Annunciator

EXTRA OPTIONS

COMMERCIAL FIRE & BURGLARY ACCESSORIES AND OPTIONS

GEMC-BM/PS
Burg Module w/ Power Supply, iso. 4-wire Burg bus for Burg keypads and devices, +12V power output for aux devices, iso. burg, bell output and sep. burg & fire power

GEMC-BM
Burg Module, as above w/o power supply

GEMC-FW-SLC
SLC Fire Module, supports up to 128 addressable SLC fire devices (2/sys.)

COMMERCIAL FIRE & BURGLARY ACCESSORIES AND OPTIONS (cont’d)

GEMC-BLSC
SLC Burg Module, supports up to 128 addressable SLC burg devices (2/sys.)

GEMC-F82CPIM
8-zone 2-wire plug-in fire input module for conventional fire devices

BURGLARY PERIPHERALS

GEMC-BK1LCD
Burglary Keypad, with 4-zone EZM built in (Requires GEMCBM 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 Comm’l Dual Tech Microw/PIR, 40 x 40’

GEMC-BSLC-PIR
Addressable SLC Comm’l PIR, 50 x 50’

GEMC-BSLC-RLY
Addressable SLC Comm’l 1Pt output module

GEMC-WL-PIR
Gemini Comm’l Wireless PIR, 50 x 50’. (L for low current)

GEMC-WL-GB
Gemini Comm’l Wireless Glassbreak, Acoustic 25’

GEMC-WL-DT
Gemini Comm’l Wireless Dual Tech Microwave/PIR, 40 x 40.’ (L for low current).

GEMC-BK3LCD
Burglary Keypad, with 2-zone EZM built in (Requires GEMCBM 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 Comm’l Dual Tech Microw/PIR, 40 x 40’

GEMC-BSLC-PIR
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GEMC-BSLC-RLY
Addressable SLC Comm’l 1Pt output module

GEMC-WL-PIR
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GEMC-WL-GB
Gemini Comm’l Wireless Glassbreak, Acoustic 25’

GEMC-WL-DT
Gemini Comm’l Wireless Dual Tech Microwave/PIR, 40 x 40.’ (L for low current).

GEMC-FK1LCD
Fire Red LCD Annunciator

GEMC-WL-SMK
Gemini Comm’l Wireless Smoke, Photoelectric

GEMC-WL-HEAT
Gemini Comm’l Wireless Heat, 135° F

PERIPHERALS FOR COMMERCIAL FIRE AND/OR BURGLARY SYSTEMS

GEMC-WL-WD2
Gemini Comm’l Wireless 2-input module converts any UL listed device into a UL wireless device

GEMC-REVC
Gemini Comm’l Wireless 255 point RF Receiver (up to 4 per system, max.)

GEMC-EZM8
8-point expansion module

GEMC-FPRINT
Parallel printer module

GEMC-RM3008
8 Form C Relay Output Module

GEMC-NL-MOD
Internet Reporting Module

GEMC-RS232
RS232 Adapter for serial output

GEMC-OUT8
8 PGM Output Module, OC

GEMC-KOTAMPERKT
Mercantile Tamper Kit, for large enclosures, supervised. (Not necy for flush-mounts)

GEMC-OUT8
8 PGM Output Module, OC

GEMC-KOTAMPERKT
Mercantile Tamper Kit, for large enclosures, supervised. (Not necy for flush-mounts)

FIREFWOLF PERIPHERALS

FWC-FSLC-SMK
Addressable Analog SLC Smoke, photoelectric, head

FWC-FSLC-HEAT
Addressable Analog SLC Heat, 135°F, head

FWC-FSLC-DUCT
Addressable SLC Duct smoke detector, photoelectric

FWC-FSLC-EZM2
Addressable SLC 2-zone conv expansion module. Using 1 zone SLC-address, creates 2 sep. contact monitoring circuits

FWC-FSLC-EZM1
Addressable SLC 1-input conventional module, similar to usage above

FWC-FSLC-CZM
Addressable SLC single module, for monitoring of dry contacts, i.e., pull stations and conv. Smokes

FWC-FSLC-RM2
Addressable SLC 2-output module (req. 1 SLC address)

FWC-FSLC-IS0
Addressable SLC Short Circuit Module. (Opt. use, for certain apps. only, meets Class A, Style 7 loop reqts.)

FWC-FSLC-SOM1
Addressable SLC Fire supervised output module, e.g., for elevator recall, HVAC

FWC-FSLC-PULL
Addressable SLC Pull Station, hex (+ K for key)

FWC-FSLC-PULL2
Addressable SLC Dual Pull Station, hex (+ K for key)

FWC-FSLC-PROG2
Tool for address-programming SLC devices

FWC-FSLC-SMK6**
Smoke/Heat & Base, required for FWC-FSLC- SMK and -HEAT devices

FWC-CNV-PULL
Conventional Pull Station, hex (+ K for key)

FWC-CNV-PULL2
Conventional Dual Pull Station, hex (+ K for key)

GEM-ACM1D
Access Control Module (1-Door expandable kit, w/power supply, provision for back up batt., in enclosure, plug-in XFRM)

GEM-2D
Access Add-on 2 door plug-in PCB for expansion of door capacity, in above

PCD-MANAGER
Free Enduser Access Mgt Software, for above

GEMC-12V2APS-CF12VDC
Power Supply for Fire Bus, remote supervised. Direct 120VAC conn., supports 2ea. 12V, 7Ah standby batts.

GEMC-12V2APS-R12VDC

GEMC-12V2APS-CF12VDC
Power Supply for Fire Bus, remote supervised. Direct 120VAC conn., supports 2ea. 12V, 7Ah standby batts.

GEMC-12V2APS-R12VDC

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GEMC-12V2APS-R12VDC

GEM-ACM1D
Access Control Module (1-Door expandable kit, w/power supply, provision for back up batt., in enclosure, plug-in XFRM)
Dual Path Fire Models’ new cost-effective feature set

The new RJ45 Jack for phone line input, instead of Tip & Ring Terminals is just what we asked for.

Free Commercial Fire LTE Tradeup Trifold Brochures / Mailers/Stuffers (A747)

Sole & Dual Path Cellular Communicators

Love the fire radios. Customers kept having phoneline issues, so I use them to upgrade communications reporting and meet code. I like that there’s no extra power supply, can or pipe to add on, and they’re preactivated so I know they’ll work before we’re onsite.

• Universal full event sole & dual path cellular &/or IP commercial fire alarm reporting from any FACP panel brand, virtually anywhere nationwide
• Code-compliant, replaces 2 POTs lines per FACP saves thousands of dollars per year over the leased landlines
• Supports 12V-24V FACPs that communicate using Contact ID and 4/2 (such as on legacy panels), as primary or backup
• Full data reporting to any Central Station nationwide, via choice of LTE Networks, Verizon® or AT&T®. Communicate critical life and safety alarm reports on LTE (Long Term Evolution) 10+ year life, cyber-protected multi-billion dollar cellular network, for maximum life safety & liability protection.
• Proven to work even where other’s won’t - using Signal Boost™ & twin dual diversity antennas - Max. signal acquisition & null avoidance (receives signals simultaneously on both antennas)
• Easiest installation, powered by panel, NO extra power supply, NO extra conduit. (Excludes Direct AC-Powered “-PS” models, with transformer option, see pg 8.)†
• Dual Path Cellular/IP Models Save Time & Money - Uniquely including 4 programmable EOLR zone inputs; 2 Form C Relay outputs (no extra supervision modules to buy or install); plus, 2 Telephone style jacks for easy FACP-connection. Self-supervised on 4 wires.
• Preactivated to ensure communications - saves time and labor onsite
• Money-saving Tradeup incentive credit for security professionals, on new or retrofit fire systems, i.e., tradeup missing/retired POTs lines, old radios & networks or new installations
• Bonus: Full High-Speed Napco Panel remote uploading/downloading
• LED Status/Trouble Indicators 3 Radio Status LED Indicators (visible from outside standard model housing) - Green, Signal Strength; Amber- Busy/Activation; Red-Trouble (4 additional LEDs, not visible, for network status & troubleshooting). Power LED indicator viewable on outer metal enclosure models.
• Over-the-Air Upgradable Communicator Firmware. Remote ability for critical/mandatory updates, without a truck-roll
• Choice of plans (varies by model) - check-ins from 200 seconds to 5-minutes, and from 1 hour; up to 6 hours for dual path
• Cost-saving models and plans for any code requirement. Dramatic savings over monthly dedicated landline charges.
## Complete StarLink Fire Model Ordering & Specifications

<table>
<thead>
<tr>
<th>LTE Network</th>
<th>Cell</th>
<th>IP</th>
<th>WIFI Option**</th>
<th>Unique Onboard Features</th>
<th>Electrical Input Patings</th>
<th>Inputs</th>
<th>Input Ratings</th>
<th>Outputs</th>
<th>Output Ratings</th>
<th>Other Power Supply (option)*</th>
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<tbody>
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<td><strong>STANDARD MODELS (ABS) 5.38 x 7.88 x 1.88” (HWD)</strong></td>
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### Accessories:
- **SLE-WIFI-MODULE** Optionally connects supported dual path models to Internet via WiFi, eliminating Ethernet cable connection. Requires 7AH battery. (**See details WI2191**)
- **SLE-ANTEXT75** Optional extended range omni. antenna w/ 75’ cable, premium low-loss cable & full mounting hardware & ground fault isolation mounting plate
- **SLE-ANTEXT50** As above, with 50’ cable
- **SLE-ANTEXT30** As above, with 30’ cable
- **TRF12** Optional Plug in AC Transformer, 16.5V / 20VA (use is subject to local code compliance)†
- **SLE-LTEV-SS-CF** StarLink Signal Strength Tester. Optional tool (red) facilitates site survey, measuring cell signal to optimize install location. Rechargeable power pak, desktop stand & AC xformer (for recharging unit). (Verizon LTE network)
- **SLE-LTEA-SS-CF** As above, for AT&T LTE network.

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*Note: Always consult technical manual and/or AHJ for compliance requirements for your area/application. *StarLink offers full data coverage in US from virtually all panel brands reporting in Contact ID or 4/2. †Where permitted by AHJ; requires conduit. †† For Panel-Powered technology, regulated auxiliary power outputs are required on Listed FACP. **Add 40mA to input current & Standby Battery requirement. (Where permitted by AHJ; requires conduit.)
### Commercial Fire Cellular Reporting

<table>
<thead>
<tr>
<th>Model</th>
<th>Carrier</th>
<th>Cell IP</th>
<th>Universal Panel Support</th>
<th>Panel-Powered (or other power)</th>
<th>15 Min. Install/Takeover</th>
<th>Signal Boost &amp; Dual Diversity LTE Antennae</th>
<th>Special Features</th>
<th>Compliances</th>
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<td>Remote On/Off App</td>
<td>UL 864 10th Ed, NFPA 72, CSFM, NFCD, LAFD</td>
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### Cellular Intrusion Alarm Reporting

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<th>Model</th>
<th>Carrier</th>
<th>Cell IP</th>
<th>Universal Panel Support</th>
<th>Panel-Powered (or other power)</th>
<th>10 Min. Install/Takeover</th>
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### Connected Home & Business Cell/IP Hub

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<td>SMS msg &amp; virtual keypad for Honeywell/ADT, DSC, Gemini</td>
<td>Honeywell/ADT, DSC, Napco</td>
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<td>Dual Function: Cell/IP &amp; Native Up/Download &amp; Honeywell (Compa) &amp; DSC &amp; Napco</td>
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<td>UL Pending</td>
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</tbody>
</table>
Cellular Intrusion Alarm Reporting

Nice & easy online setup process from start to finish. I can take over monitoring without getting into the panel programming. I really like the simplicity of this cell unit and the dependably strong signal strength.

Features:
- Universal full event sole path cellular alarm reporting from any panel brand, virtually anywhere
- Dependable, full data reporting to any Central Station nationwide via your choice of AT&T® or Verizon® LTE Network.
- Communicate alarm reports on LTE (Long Term Evolution) for 10+ year cellular life, on cyber-protected multi-billion dollar cellular network, for maximum life safety & liability protection
- Easiest, fastest installation in under 10-minutes. Easy activation with auto-dialer capture; Panel-Powered TechnologyTM (powered by the panel)
- Patented Signal BoostTM and Dual Diversity Antennae for maximum signal acquisition & null avoidance, receiving signals simultaneously on both antennae
- Over-the-Air (OTA) Upgradeable Communicator Firmware. Remote ability for critical/mandatory updates, without a truck-roll
- Pre-activated to ensure communications - Save labor and time onsite
- My StarLink Remote On/Off Consumer App for Remote Arm/Disarm any panel brand w/ keyswitch input. Also email/text message (option)
- Still “Free for All™” applications, with professional trade-up, from old radios, old networks, POTS or even on new construction, see www.napcosecurity.com/starlink
- Free Consumer/Account Tradeup Trifold Brochure or Statement-Stuffers you can customize
- Backed by Napco 3-Year Full Factory Warranty
- Compliances: UL1610, UL985, UL1023, UL1635

See New StarLink Signal Strength Tester, self-contained site survey tool for optimizing install location (SLE-LTEV-SS or LTEA-SS, at right)

Specifications:
- Housing: Durable ABS plastic (black) includes three keyhole slots for mounting (easy alignment with triple gang boxes)
- Dimensions: 5½” x 7¼” x 1¼” (HxWxD)
- Weight: 13.5 oz
- Diagnostic LED Indicators: Three (3): Green, Signal Strength; Amber- Busy/ Activation; Red-Trouble

Electrical Ratings:
- Input Voltage: 11-15VDC
- Input Current: 71mA with peak RF transmission current of 200mA

Ratings for IN 1 Burg/Fire Input:
- Input Voltage: 9-15VDC
- Maximum Input Current: Up to 2mA

Ratings for IN 2 and IN 3:
- Maximum Loop Voltage: 15VDC
- Maximum Loop Current: 1.2mA
- End of Line Resistor (EOLR) Value: 10K

PGM Output (3) Ratings:
- Open Collector Outputs: 3V Max., active; 15V Max., inactive
- PGM Sink Current: 50mA, Max

Environmental Ratings:
- Operating Environment: 0 to 49° C (32-120°F)
- Humidity: Maximum 93% (non-condensing)

Ordering Information,
Universal Sole Path Models:
- SLE-LTEV Sole Path Burglary Communicator (Black), Cellular, Connected by Verizon LTE™
- SLE-LTEA Also available on AT&T LTE, Sole Path Burglary Communicator
- SLE-LTEV-CB Mercantile Commercial Burglary Model (Metal), Connected by Verizon LTE™, powered directly from control panel
- SLE-LTEA-CB As above, but on AT&T LTE Network
- SLE-LTEV-CB-TF Mercantile model as above, but with plug-in AC Transformer, Connected by Verizon LTE™
- SLE-LTEA-CB-TF As above, but on AT&T LTE

Available Options:
- MY STARLINK APP (shown) Optional Consumer System On/Off Remote Service with (use w/ SLE-REMOTE)
- SLE-DLCBL Gemini Up/Downloading Cable for Napco Panels (Gemini, GEMC- or Firewolf)
- A606D Free Trifold Enduser Brochure for new and existing accounts. Use as statement Stuffer or Self-Mailer
- A715 Business Trade-up, A716 Medical Office Tradeup, A717 School & Campus Trade-up, Free Commercial Brochures, as above
- SLE-ANTEXT75 Optional extended antenna with 75’ premium low-loss cable and full mounting hardware- supports all top brands of communicators
- SLE-ANTEXT50 As above, with 50’ cable
- SLE-ANTEXT30 As above, with 30’ cable
- SLE-LTEV-SS StarLink Signal Strength Tester. Optional site survey tool to optimize install location. Rechargeable power pak, desktop stand & AC xformer (for recharging). (Verizon LTE network)
- SLE-LTEA-SS As above, for AT&T
StarLink Connect®:

Connect with Today's Smart Cellphone-Centric Consumers

Connect to Report Alarms on Nation's Most Reliable LTE Networks

Connect All at Once, with All in-One Solution

Full universal support with full virtual keypad that mirrors the real one & provides keypad-programming functionality

Universal Cell/IP LTE Communicator & Smart Business & Connected Home Hub

The cellular platform is the easiest way to upgrade alarm systems and add the hot new services accounts want, from remote App & text alerts to video & touchscreens, in the process.

StarLink Connect*: Connect with Today’s Smart Cellphone-Centric Consumers

Connect to Report Alarms on Nation’s Most Reliable LTE Networks

Connect All at Once, with All in-One Solution

Free customizable tri-fold brochures for Connected Home (A712) and Assorted Smart Business (A736, A740, A741)

Universal Cell/IP LTE Communicator & Smart Business & Connected Home Hub

StarLink Connect Available Options:

- SLE-DLCBL For use with Gemini™ panels only, Napco up/download cable, sold separately
- SLE-DLEX Optional, for up/downloading, extends distance from radio to panel, from 10’ up to 100’
- SLE-WIFI-MODULE - Optional plug-in module for connection to the Internet via a wireless (Wi-Fi) link, eliminating a wired Ethernet cable (for use w/ any StarLink Model)
- IBR-TOUCH-WL Optional Touchscreen, 1024 x 600 7” hi-res color for security and opt. automation or video control (using StarLink Connect or IBR-ZREMOTE), wireless connectivity, pwr. by 12VDC adapter, supplied.
- SLE-LTEV-SS StarLink Signal Strength Tester Tool, Self-powered, rechargeable. (Verizon LTE network)
- SLE-LTEA-SS As above, for AT&T

FIVE-IN-ONE:

1 Universal Alarm Communicator; IP &/or Cellular Alarm Dual Reporting + WiFi Option
2 Full Support for Growing List of Major Panels & Brands, Full Up/Downloading, i.e., Honeywell, DSC, Napco & more, hand programming ADT‡
3 Full Virtual Keypad Smart App, Mirrors the Real Keypad on the Wall
4 Notifications Full Bus-Based SMS/MMS Powered by iBridge°
5 “Z-Hub Option” adds Z-Wave Device Control for Connected Home and Smart Business & Scenes

Upgrade/Takeover Virtually Any Existing Alarm System with One Advanced Multifunction Unit:

- Provide the very latest features & the smart phone remote interactive control today’s consumers and business managers want, at a fraction of the cost of others.
- Easy-to-install Cell-based Connected Business or Home - Requires No Internet Connection at Premises†
- Choice of AT&T LTE or Verizon LTE network coverage for LTE (Long Term Evolution) longest cellular lifespan Nationwide, Dependable StarLink LTE performance with dual diversity antennae & Signal Boost™ circuitry

StarLink Connect: Connected by AT&T LTE or Verizon LTE

Universal Cell/IP LTE Communicator & Smart Business & Connected Home Hub

Upgrade/Takeover Virtually Any Existing Alarm System with One Advanced Multifunction Unit:

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FIVE-IN-ONE:

1 Universal Alarm Communicator; IP &/or Cellular Alarm Dual Reporting + WiFi Option
2 Full Support for Growing List of Major Panels & Brands, Full Up/Downloading, i.e., Honeywell, DSC, Napco & more, hand programming ADT‡
3 Full Virtual Keypad Smart App, Mirrors the Real Keypad on the Wall
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5 “Z-Hub Option” adds Z-Wave Device Control for Connected Home and Smart Business & Scenes

Free customizable tri-fold brochures for Connected Home (A712) and Assorted Smart Business (A736, A740, A741)
### StarLink Connect Std. Specifications (pgs 11, 12):

- **Housing:** Durable ABS plastic (white) includes three keyhole slots for mounting (easy alignment with triple gang boxes)
- **Dimensions:** 5-3/8” x 7-7/8” x 1-7/8” (HxWxD)
- **Diagnostic LED Indicators:** Three (3): Green, Signal Strength; Amber- Busy/ Activation; Red-Trouble

All models powered by the control panel -

#### Electrical Ratings for +12V:
- **Input Voltage:** 11-15VDC (power-limited output from control panel)
- **Input Current:**
  - **Standard C- Models:** standby current: 100mA (110mA with telco EOLR)
  - **Z-Hub Models:** standby current: 120mA (130mA with telco EOLR)

#### Electrical Ratings for IN 1 Burg/Fire Input:
- **Input Voltage:** 9-15VDC
- **Maximum Input Current:** Up to 2mA from control panel supply circuit

#### Ratings for IN 2 and IN 3:
- **Maximum Loop Voltage:** 15VDC
- **Maximum Loop Current:** 1.2mA
- **End of Line Resistor (EOLR) Value:** 10K

#### Electrical Ratings for 3 PGM Outputs:
- **Open Collector Outputs:** 3V Max., active; 15V Max., inactive
- **PGM Sink Current:** 50mA, Max

---

### New StarLink Connect DL Models: Cell/IP Communicator & Top Mfr. Panel Downloads (only) using native software, e.g., Compass for Honeywell Vista® Panels &/or DSC Panels using DLS software. (Exclude virtual keypad and SMS services from multifunction hub models, pg 11).

#### WiFi option for Internet use #SLE-WIFI-MODULE.

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Now with StarLink Connect, we can upgrade & download most manufacturers’ panels using their std. software, while getting accounts off POTs lines.
Universal Indoor/Outdoor Performance Antennas, Complete with Ultra Premium LMR-Type Cabling

With top LTE performance in particular, and superior Gain of 4-9dBi, the antenna has excellent field-proven performance at all cellular bands, i.e., LTE, 4G, 3G, CLR, PCS, DCS, AWS, IMT, ISM, WCDMA, cellular, WiFi and WiMax. Varying lengths of LMR-type cabling also enables optimum placement, at the highest possible elevation. Omni also features a compact, long-life UV-stable conical shape antenna and physically resonant design; with an outstanding low VSWR of less than 1.5:1, for maximum radiated power and max-mum signal sensitivity. Each Antenna also includes an L-bracket with stainless steel U-bolts for pole or wall mounting, ground fault isolation mounting plate (used for commercial fire applications) & hardware to easily connect to StarLink and other brand cellular communicators.

Features:
- Increase Cellular Transmission & Mounting Flexibility
- Universal use with StarLink Cellular Communicators & those of other manufacturers
- For Outdoor Use - Marine Grade
- All Applications: LTE, 4G, 3G, CLR, PCS, DCS, AWS, IMT, ISM, WCDMA, cellular, WiFi and WiMax
- Excellent 700MHz LTE performance
- VSWR <1.5:1 for max power and signal range
- RoHS Compliant
- 36-Month Napco Warranty
- Complete: Including Mounting Hardware & 30, 50, 75 or 100’ premium lowloss LMR-type cable

Omni X Ordering Information:
- **SLE-ANTEXT30** Optional extended antenna w/ 30’ ultra low-loss premium cable (9.144m) and complete hardware, including pole mount
- **SLE-ANTEXT50** As above, w/ 50’ cable (15.24m)
- **SLE-ANTEXT75** As above, w/ 75’ cable (22.86m)
- **SLE-ANTEXT100** As above, w/ 100’ cable (30.48m)

Omni X Specifications:
- **Radiation Pattern:** Omni-Directional
- **Gain:** 4-9dBi
- **Bandwidth:** VSWR: <1.5: 1 = 695-3000 MHz in all 3G & 4G Bands VSWR: <2.0: 1 = 695-3000 MHz
- **Impedance:** 50 ohms
- **Max Input Power:** 50 watts
- **Exterior Finish:** Black or white UV stable
- **Dimensions:** 8¾” (225 mm) l x 2⅜” (60 mm) OD
- **Weight:** Varies with model, cable length chose
- **RF Connector:** Type N female
- **PIM:** 155dBc
- **Cable:** Low-loss cable with premium connectors & mounting hardware
- **Installation:** Inc’d L Bracket with U-bolts for up to 2” pole
- **Elements:** Copper
- **Polarization:** Vertical
- **Wind Rating:** >110 MPH
- **Compliance:** RoHS

---

New universal StarLink Omni-X’ Extended Range Cellular Antennas dramatically increase transmission capability and enable location flexibility, for use with StarLink Cell/IP Communicator models, as well as supporting most other brand radios, including Honeywell®, Telguard®, DSC®, DMP®, etc. The easy-to-install, maximum performance, marine grade indoor/outdoor wide-band antenna is omnidirectional & does not require aiming and all Omni Antennae come complete with premium low-loss LMR-type cable (30 -100”) & pole/wall mount hardware.

*Also See New StarLink Signal Strength Tester, self-contained visual tool for optimizing install location onsite (#SLE-LTEV-SS or LTEA-SS, pg 10)*
Specifications:
- Electrical Ratings
  - Speaker: 1 integral 2W
  - Screen on, idle: 300mA
  - Clicking menu items: 380mA
- Power:
  - IBR-TOUCH-WL, powered by a supplied 12VDC adapter, wireless Wi-Fi connectivity. (See details touchscreen WI2296LF & starlink connect WI2193)
  - IBR-TOUCH, with hardware security connectivity plus WiFi support for z-Wave & video. (See details touchscreen WI2296LF & starlink connect WI2193)

Features:
- Intuitive, wall-mounted touchscreen control of security system and/or optional video and smart home or business automation, with Z-Wave® locks, lights, temp & small appliances
- Brilliant 7-inch high-res color 1024 x 600 TFT capacitive display
- Ultra-responsive, high-speed, quad-core processor
- Choice of hardwired or wireless iBridge Touch™ models, WiFi models with 12V plug-in transformer (supplied)
- Slimline, clean decor-friendly design and GUI; matches new iBridge App
- Built-in voice prompts and sounder speaker
- Easy Icon Security Control &/or Matching Conventional Keypad Control of Napco Gemini and other leading brand panels; also arm/disarm control of any panel with a keyswitch input

Security:
- Universal Appeal: Also mirrors top brand keypads in conventional keypad mode, supports ADT®/Honeywell®, DSC®, Napco Gemini, & iSecure® etc.
- Easy icon one-button control of Arm, Stay, Away etc.
- Can also be used with any brand control panel with keyswitch input for one-button arm/disarm
- Entry/Exit countdown displayed
- Three Emergency buttons
- Quickly and easily bypass zones

Video:
- Multiview on-premises Live Video View of up to 6 cameras, with easy scroll and finger-spread zoom display
- Choice of iBridge Video™ Cameras (also supports original SeeVideo Cameras) and/or iBridge Video Doorbell. WAP-free: connectivity via either StarLink Connect® or Bridge Z-Remote Module
- Video can be added as MMS notifications and event/scene triggers
- Easy camera enrollment

Smart Automation /IoT:
- Choice of smart automation IoT integration panel interface - universal StarLink Connect Dual Path Communicator with Built-in Z-Wave Hub (Z model). For use with any panel with keyswitch, automation scenes on arm/disarm. Or for Napco-only option: or Gemini hardwire or WiFi iBridge Z-Remote Panel Module
- Supports Z-Wave Devices for home or biz smart control and increases range performance up to 100%
- Create and control custom scenes, ideal for smart home or business, combining security, video and/or automation-controlled devices by touch, by trigger event or by schedule
- Dealer scene-creation auto-generates custom button for consumer use/one-touch-activation

Ordering Information:
- IBR-TOUCH-WL 1024 x 600 7" Wall-mount, high-res color touchscreen for security and optional automation or video control (using StarLink Connect or Z-Remote Module), wireless connectivity, powered by 12VDC adapter, supplied.
- IBR-TOUCH similar to above, but with hardware security connectivity plus WiFi support for Z-Wave & video (using StarLink Connect or Z-Remote Module)

Complementary Options:
- iBRIDGE APP w/ MESSENGER SMS, for Smartphones/devices available on iTunes® or Google Play® for Connected Home Control features and iBridge Messenger™ SMS/MMS Notifications

StarLink Connect Cell/IP Hubs:
- SLETEVC Four-in-One Universal Cell/IP Communicator & Remote Services Hub, Connected by Verizon LTE, for cell & IP alarm reporting, Full emulated remote keypad, bus data & full notifications (Verizon)
- SLETEA-C Cell/IP Hub, as above, but on AT&T LTE Network.
- SLETEV-Z Five-in-One Universal Cell/IP Communicator & Hub, as in SLE-TEVC, plus Z-Wave Device Control built-in, (Verizon)
- SLETEA-Z Same as above, but with built-in Z-Wave control (AT&T)
- SLE-TEV-CBT-C Mercantile model (w/o Z-Wave), in metal locking enclosure with plug in AC xformer (for electrical specs see WI2315BLF.) (Verizon)
- SLE-TEA-CBT-C Mercantile model, as above (AT&T)

Also see iBridge Video Cameras & Video Doorbell info pg 17
WiFi Camera Features:
• Put professional-quality high-res video accounts online in as little as 10 minutes
• Upsell your residential & small business alarm accounts on very affordable video for incremental RMR
• High HD resolution remote video up to 20 frames per second at HD res (1280 x 960)
• Built in 32GB Onboard HD video storage, for up to 7 days, viewable from App or online.
• Outdoor dome camera with choice of WiFi or POE connectivity and mounting options for wall, ceiling or eave. Ingress protection & vandal resistance, IP67, IK10.
• No dedicated wireless access point required
• Easiest 802.11 camera enrollment: Scan QR code, name camera and enroll in seconds
• Free Apps for standalone remote video or as part of iBridge Connected Home on iTunes® and Google Play®
• Cameras support full duplex, 2-way audio through App - Talk to premises live (excludes outdoor dome camera model).

Also Available iBridge Video Doorbell:
Professional grade 1080P 2MP HD Video Doorbell with night vision, is the ideal new service for accounts to watch for deliveries, screen guests, look out for potential thieves & more. IP65-Rated - Tough in Any Weather. Also new Optional WiFi Plug-in Chime for houses without one (#IBV-DBELL). (See next page)

Why it’s worth it. Even at the entry level, storage of residential surveillance images is lucrative. Google, via its Nest Aware recording service for Nest Cam, charges $5/mo. for limited image capture and 5 days of recording, up to $30/mo./camera for continuous recording, along with 30 days of storage. With an average resi. installation of 6 cameras, that’s $30 - $180/mo. in storage fees for video surveillance. (From CE Pro RMR Study)

See Camera Specifications Chart & Ordering Info pg 17
Specifications:

- **Housing:** ABS plastic
- **Dimensions:** 4.69” x 1.85” x 1.14” (HxWxD)
- **Weight:** 0.66 lb.
- **Memory Slot:** Micro SD, Max 64GB
- **Installation:** Surface
- **Power:** 16-24VAC (optional 12-24DC with additional power supply)
- **Power Consumption:** Standby<3W, Active <5W

Video:

- **Video Compression:** H.264
- **Image Sensor:** 1/2.7” 2MP (20fps) (1920 x 1080) CMOS
- **Lens:** 1.9mm
- **Angle of View:** H:140°
- **Day/Night:** 1/2.7” 2MP

Audio:

- **Audio Compression:** G.711
- **Audio Input:** Omnidirectional Mic
- **Audio Output:** Built-in Speaker
- **Bidirectional Talk:** Support Dual-way Bidirectional talk

Operation Mode:

- **Button:** Single Mechanical Button
- **Motion Detection:** PIR, H:120°

Network:

- **WiFi:** IEEE802.11b/g/n, 2.4GHz
- **App(s):** Standalone iBridge Video or iBridge Connected Home/Biz, on iTunes® or Google Play®

Environmental Ratings:

- **Operating Environment:** -4° to +122°F (-20°C to +50°C)
- **Humidity:** 10%-95%RH
- **IP-65 Rated:** Dust-tight, complete ingress protection; protection from water (dripping, spraying, splashing & jetted from nozzle (6.3mm))

Features:

- **1080P 2MP HD Pro Video Doorbell with Night Vision** - Easy installation for new or existing security systems
- **Sends instant alerts** to accounts when visitors press the doorbell or trigger the built-in motion sensors, so they can hear and speak to anyone at the door from any smartphone, tablet or PC.
  - Motion-activated alerts
  - Video on Demand with Live-View
- **Simple 3-button operation** – Buttons appear on smartphone screen over video - Press "Accept" to talk (2-way chat), or "Hang up" to disconnect, or "Mute" to just watch (shown below)
- **Durable & weather-resistant, IP-65 Rated** and with operating range from -4 to 122°F
- **Slim iBridge Video Doorbell** fits virtually anywhere
- **PIR motion detection has three configurable zones**, and a broad 140° angle of view, as well as IR-Powered Night Vision
- **Doorbell is easily enrolled and appears like any other WiFi iBridge Video Camera in** the full integrated iBridge Connected Home or Standalone iBridge Video ecosystem, uses free Apps on iTunes®/Google Play®
- **Time/date-stamped video is also cloud-archived for later review**
- **12-mos. cloud-based video storage included**
- **Uses existing doorbell power & wiring**, with quick 2-wire AC installation
- **New! Optional Remote WiFi Plug in Doorbell Chime** for homes w/o hardwire chime, plugs into any AC outlet & pairs with IBV-DBELL. Selectable volume & tones (#IBV-CHIME)
- **Over the Air (OTA) automatic firmware updates**
- **Compliance:** CE, UL, FCC, IP-65

Ordering Information:

- **IBV-DBELL** WiFi Doorbell, built-in Multidirectional Mic/speaker, 1080P Pro Grade w/ Night Vision, Dark Metallic Gray (standard), AC with full mounting hardware. Includes 12 months cloud storage.
- **IBV-DBELL** MGS As above, in Silver finish
- **IBR-TOUCH** Integrated Touchscreen, Video-View & Security System Control for Napco, Honeywell/ADT® & DSC® Systems
- **IBV-CHIME** Remote WiFi Plug-in Chime Module
- **A731** Free Enduser iBridge Video Doorbell Residential Mailers/Stuffers

On any smartphone, consumers get a text and video that someone’s at the door. They simply press “accept” to talk (2-ways), or “hang up” to disconnect or “mute” to just watch. Ideal for watching for deliveries, guest-screening & more.

Optional Plug-in WiFi Chime (IBV-CHIME)
### iBridge Video Lineup

<table>
<thead>
<tr>
<th>Feature</th>
<th>WiFi Fixed Camera</th>
<th>WiFi P/T Camera</th>
<th>WiFi Mini Dome Camera</th>
<th>iBridge Video Doorbell</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>ISV2-CAM</td>
<td>ISV2-PT</td>
<td>ISV2-DOME</td>
<td>iBV-DBELL</td>
</tr>
<tr>
<td><strong>WiFi</strong></td>
<td>2.4GHz</td>
<td>2.4GHz</td>
<td>2.4GHz</td>
<td>2.4GHz</td>
</tr>
<tr>
<td><strong>Hi-Def. Image Sensor</strong></td>
<td>1/3” 1.3MP CMOS</td>
<td>1/3” 1.3MP CMOS</td>
<td>1/3” 1.3MP CMOS</td>
<td>1/2.7” 2MP CMOS</td>
</tr>
<tr>
<td><strong>App for Standalone Remote Video</strong></td>
<td>iBridge® Video App (iTunes®/GooglePlay®)</td>
<td>iBridge® Video App (iTunes®/GooglePlay®)</td>
<td>iBridge® Video App (iTunes®/GooglePlay®)</td>
<td>iBridge® App (Integrated) (iTunes®/GooglePlay®)</td>
</tr>
<tr>
<td><strong>App for Integrated Video as a part of Connected Home</strong></td>
<td>iBridge® App (iTunes®/GooglePlay®)</td>
<td>iBridge® App (iTunes®/GooglePlay®)</td>
<td>iBridge® App (iTunes®/GooglePlay®)</td>
<td>iBridge® App (Integrated) (iTunes®/GooglePlay®)</td>
</tr>
<tr>
<td><strong>iBridge Messenger, Video Notifications, MMS</strong></td>
<td>MMS live pre/post video clips sent as Push Notifications to account</td>
<td>MMS live pre/post video clips sent as Push Notifications to account</td>
<td>MMS live pre/post video clips sent as Push Notifications to account</td>
<td>Push Notifications to account; video stored to cloud</td>
</tr>
<tr>
<td><strong>Special Features</strong></td>
<td>PoE Ready</td>
<td>PoE Ready</td>
<td>PoE Ready</td>
<td></td>
</tr>
<tr>
<td><strong>FOV-H</strong></td>
<td>92°</td>
<td>72°</td>
<td>92°</td>
<td>140°</td>
</tr>
<tr>
<td><strong>Day/Night</strong></td>
<td>Auto ICR</td>
<td>Auto ICR</td>
<td>DWDR, Day/Night (ICR), 1280, 960, AGC, BLC</td>
<td>Auto ICR &amp; Infrared Night Vision</td>
</tr>
<tr>
<td><strong>Wide Dynamic Range</strong></td>
<td>DWDR</td>
<td>DWDR</td>
<td>DWDR</td>
<td>DWDR</td>
</tr>
<tr>
<td><strong>Night Vision, Max IR Distance</strong></td>
<td>32.8 (10m)</td>
<td>32.8 (10m)</td>
<td>98.4 (30m)</td>
<td>16.4 (5m)</td>
</tr>
<tr>
<td><strong>Video Compression</strong></td>
<td>H.264</td>
<td>H.264</td>
<td>H.264</td>
<td>HEVC</td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>1.3MP (1280x960)</td>
<td>1.3MP (1280x960)</td>
<td>1.3MP (1280x960)</td>
<td>2MP (1920x1080)</td>
</tr>
<tr>
<td><strong>Frame Rate, Max.</strong></td>
<td>25/30fps@1.3MP</td>
<td><a href="mailto:30fps@1.3MP">30fps@1.3MP</a></td>
<td><a href="mailto:30fps@1.3MP">30fps@1.3MP</a></td>
<td><a href="mailto:20fps@2.0MP">20fps@2.0MP</a></td>
</tr>
<tr>
<td><strong>Multi-streaming</strong></td>
<td>2 Streams</td>
<td>2 Streams</td>
<td>2 Streams</td>
<td>2 Streams</td>
</tr>
<tr>
<td><strong>Pan/Tilt/Rotation</strong></td>
<td>Pan 0°-360°, Tilt 0°-90°, Rotation 0°-360° (fixed)</td>
<td>Pan 0°-355°, Tilt 0°-90°, Rotation 0°-355°, Tilt 0°-90° (fixed)</td>
<td>Pan 0°-355°, Tilt 0°-90° (fixed)</td>
<td></td>
</tr>
<tr>
<td><strong>7 Day Memory, Onboard</strong></td>
<td>32GB</td>
<td>32GB</td>
<td>32GB</td>
<td>Supports up to 64GB (optional)</td>
</tr>
<tr>
<td><strong>Cloud Storage</strong></td>
<td>12mos., incld</td>
<td>12mos., incld</td>
<td>12mos., incld</td>
<td>12mos., incld</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>White/Gray</td>
<td>White/Smoke</td>
<td>White/Clear</td>
<td>Dark Metallic Gray</td>
</tr>
<tr>
<td><strong>Mounting (std hardware incld)</strong></td>
<td>Shelf/Wall</td>
<td>Shelf/Wall</td>
<td>Shelf/Wall</td>
<td>Surface/Full Mounting Hardware incld</td>
</tr>
<tr>
<td><strong>Optional Mounting Accessories</strong></td>
<td>——</td>
<td>——</td>
<td>——</td>
<td>Bracket ISV2-DOMEKIT, Round Waterproof Junction Box ISV2-DOMEDMBX 4-Port PoE Switch, ISV2-POE-4P Plug-in WiFi Chime (IBV-CHIME) 8 Port PoE Switch, ISV2-POE-8P 4 Port PoE Switch, optional accessory for ISV2-DOME camera, above, as part of Connected Home with iBridge App, includes 12mos. cloud-based storage. (Supports all current wireless routers - no special WAP required.)</td>
</tr>
<tr>
<td><strong>Other Available Accessories</strong></td>
<td>——</td>
<td>——</td>
<td>——</td>
<td>2nd generation (ISV2-POE-4P) Plug-in WiFi Chime (IBV-CHIME) 8 Port PoE Switch, optional accessory for ISV2-DOME camera, above, as part of Connected Home with iBridge App, includes 12mos. cloud-based storage. (Supports all current wireless routers - no special WAP required.)</td>
</tr>
<tr>
<td><strong>Compliances</strong></td>
<td>CE, UL, FCC</td>
<td>CE, UL, FCC, IP67, IK10</td>
<td>CE, UL, FCC, IP67, IK10</td>
<td>CE, UL, FCC, IP67, IK10</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>14° to -113°F, Less than 95%RH</td>
<td>14° to -113°F, Less than 95%RH</td>
<td>(-10°C to 122°F, Less than 95%RH)</td>
<td>(-10°C to 122°F, Less than 95%RH)</td>
</tr>
<tr>
<td><strong>Dimensions, max.</strong></td>
<td>5.3&quot; x 3.2&quot; x 3.25&quot;</td>
<td>3.7&quot; x 3.7&quot; x 3.7&quot;</td>
<td>3.7&quot; x 3.7&quot; x 3.7&quot;</td>
<td>4.33&quot; x 3.19&quot;</td>
</tr>
<tr>
<td><strong>Power Supply, included</strong></td>
<td>DC 12V</td>
<td>DC 12V</td>
<td>DC 12V</td>
<td>16-24V (opt. 12/24V DC from alarm system or std power supply, not included)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>5.5 oz</td>
<td>7.7 oz</td>
<td>1.2 lbs</td>
<td>0.7 lbs</td>
</tr>
</tbody>
</table>

### Ordering Information:

- **ISV2-CAM** WiFi Hi-Def. Fixed Camera with built-in PiR, true 2-way audio built in mic/speaker and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, fast-connect, up to 20/30 fps. 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications to smart mobile devices with 10 second alarm/event alerts. White/Gray styling, shelf or wall mount. 3x 3 x 2.35" Includes power supply and mounting hardware. Use as standalone remote video with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. cloud-based storage. (Supports all current wireless routers – no special WAP required.)

- **ISV2-PT** WiFi Hi-Def. Pan/Tilt Camera, true 2-way audio built in mic/speaker and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, Professional grade, fast-connect, up to 30 fps. 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications to smart mobile devices with 10 second alarm/event alerts. White/Smoke styling, Shelf or wall mount. 3.7 x 3.7 x 3.7" Includes power supply and mounting hardware. Use as standalone remote video with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. cloud-based storage. (Supports all current wireless routers – no special WAP required.)

- **ISV2-DOME** WiFi Hi-Def. Indoor/Outdoor Dome Camera with POE option and 32GB onboard video storage (up to 7 days HD video 720p). Professional grade, Ingress & Vandall-Protected Weatherproof camera (IP67, IK10) for wall, ceiling or eave mounting. Professional grade, fast-connect, up to 30 fps. 2.4GHz WiFi 802.11 b/g/n, 1.3MP (1280x960) CMOS High Def. Sensor. Provides subscribers MMS Video Push Notifications to smart mobile devices with 10 second alarm/event alerts. White/ Clear styling 4.33" x 3.19" Includes power supply and mounting hardware. Also see optional Mounting Bracket and Round Waterproof Junction Box and optional 4- or 8-Port POE Switch. Use as standalone remote video with iBridge Video App or as part of iBridge Connected Home with iBridge App. Includes 12mos. cloud-based storage. (Supports all current wireless routers – no special WAP required.)

- **ISV2-DOME BOX** Optional Round Junction Box for Dome Camera

- **ISV2-DOME BKT** Optional Wall Mounting Bracket for Dome Camera

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

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

- **IBV-DBELL** WiFi Doorbell, built-in Multidirectional Mic/speaker, 1080P Pro Grade w/ Night Vision, Dark Metallic Gray (standard), AC with full mounting hardware. Includes 12 months cloud storage.

- **IBV-CHIME** Optional Remote WiFi AC-Plug in Doorbell Chime for homes w/o hardware chime. Selectable volume & tones.

- **iBR-TOUCH** Integrated Touchscreen, Video-View & Security System Control for Napco, Honeywell/ADT® & DSC® Systems

- **A731** Free Enduser iBridge Video Doorbell Residential Mailers/Stuffers (see below)

- **A696** For Full iBridge Video Camera Line, see spec sheet
Whether you use StarLink Connect’s virtual keypads or text alerts, the iBridge Touch touchscreen or Integrated iBridge Video cameras, or iSecure, the iBridge App & Messenger powers them all and puts convenient, matching control at hand, on your accounts’ smart devices.

iBridge Connected Home & Smart Business App with Messenger™

Features:

• iBridge App - Connected Home & Smart Business services, convenience & control of the security system and premises, also integrating video cameras, lights, locks, temperature and small appliances from any smartphone, smart device or tablet

• Keeps accounts in control- With smart remote security control with easy virtual keypad that matches make and model of the one on their wall (supports top manufacturers)

• Keeps customers in touch - Provides smart customized SMS text alerts or notifications when specific events happen, or send reminders if scheduled things don’t

• Keeps your subscribers aware & in the know - With IP cameras, they can see video events/alarms as they unfold, as MMS video notifications live, or as cloud-archived pre-/post-video clips of before and after chosen events/alarms

• Supported by StarLink Connect on any top brand system; Gemini or iSecure Security Systems; Integrated iBridge Video Systems, iBridge Video Doorbell and/or w/ complementary iBridge Touchscreen

• Enables No-Roll service calls too - Virtual keypad programming from App of all top panel brands, Napco, Honeywell/ADT®, DSC®

• iBridge - Simply as basic or customized & complex as you like! Just enable easy operations, like on or off, keypad control or video viewing; or create & control one-button custom scenes of grouped devices, or triggered-activations and/or schedule events. E.g., Smart Biz accounts can Arm/disarm system from anywhere if staffers forget; temporarily allow after-hours deliveries and archive video for review later 24/7; create “smart business scenes” grouping alarm system, HVAC, cameras & lighting, using full bus data on top brand systems

• Universally supported by all mobile operating systems & smart devices; available for download free, on Google Play or iTunes
All-Inclusive, Ultra-Competitive Cellular Alarm Systems

3 in 5 people say that price is the #1 reason why they don’t own a security system today (according to Porch online resource)

All iSecure Series Systems Feature:
- All-inclusive cell/alarm systems w/ up to 80 zones, intrusion & fire from iSecure Wireless Transmitters
- App for security, automation & SMS text notifications alerts/reminders
- 1-hour installation - + dealer programming from a smart phone/device in minutes (NO PC to lug around)
- Built-in dual path LTE cellular/IP reporting (included inside)/ StarLink-Incentive-eligible
- 2 Economical unlimited signal/notification plans, simply choose with & w/o automation.
- Go-Anywhere Smart Hub™ - position for best signal reception & smash prevention, 85db UL-rated siren & receiver built in
- Pro 4Ah battery for longest power outage protection - for approx. 24 hours standby time**
- One or two areas
- Choice of Wireless Keypad or 4” or 7” Touchscreens, up to 5 can be intermixed/system
- Choice of 3 All-Inclusive Kits with either wireless LCD keypad, 4” security touchscreen (shown above), or IoT 7” Security/Video/Connected Home touchscreen
- All Kits include 2 Window/Door Transmitters & Wireless PIR
- Z-Wave control built-in in both Touchscreen Kits, for up to 232 Z-Wave devices
- Full line of optional iSecure Accessories also available: Wireless siren, keyfob, panic, wireless smoke-, glassbreak- or carbon monoxide detectors

1-Hour Professional Installation:
- Full line of professional iSecure accessories & options available Choose from Wireless CO, glassbreak, smoke, heat, keyfob & panic button, plug-in extra sirens & Takeover Module, plus, all-new wireless keypads and touchscreens & more
- Easy system programming in minutes all from your phone. No more PC or software to learn. Make menu-driven choices on your cell or tablet, like system configuration, etc.
- Easy, cloud-based portal screens let you simply select options Add and/or re/learn devices, like the keypad or touchscreen. Also assign either of 2 areas if desired

Make a self-contained panel, glue a StarLink on and call it a day... the resi. market is super cost-competitive and the customers want all the bells and whistles now.
All-Inclusive Kits

Features:

Go-Anywhere™ Hub (Included in all 3 Kits):
Hybrid Panel/Cell/Receiver/24hr. Battery Backup

- Secure Go-Anywhere™ Smart Hub with built-in StarLink™ LTE dual path Cell/IP communications (no landlines to cut or needed); up to 80 wireless zones/points for intrusion & fire, from Secure Sensors/Transmitters; built in 85db UL siren & integral wireless receiver, up to 2 areas, support for 90 user codes plus OTA updates. Hub can go anywhere safe, stands or hangs on wall; plug-in AC power cord. Uses stand. 4AH/12V backup battery for max. power-outage protection - 24hrs standby time, typ.

- Home Automation Z-Wave Module Built-in in both Secure Touchscreen Kits for IoT Connected Smart Home Control via iBridge App and/or iBridge Touch Touchscreen. Supports up to 232 Z-Wave devices for controlling lights, small appliances, temperature, locking etc. (preinstalled Z-Wave controller in hub)
- StarLink Dual Path LTE cellular/IP Built In + StarLink-Tradeup-Incentive Eligible-Saves up to half the system cost (StarLink Tradeup Pro Incentive credit)
- UL 85dB Siren built in
- Consumer Voice Prompts (selectable on/off & volume levels)

Smart App, Notifications & Programming (All 3 Kits):

Remote Convenience & Text Alerts

- Easy Consumer App with Notification Alerts put accounts in control of security system & home from smart phones or tablets, shows SMS/Text Notifications on events &/or MMS video messages with optional cameras/doorbell. Plus, with Touchscreen Kits controls Z-Wave Devices.
- Easy Dealer Programming from Smart Phone/Device in minutes using cloud-based portal with menu-driven screens and easy check-off selections. No PC or laptop required.

Wireless Sensors (Included In All 3 Kits):

Two Doors & a Motion Included

- Secure Wireless Motion Sensor, 50 x 50’ broad coverage, fully-shielded PIR circuitry, battery-saver feature and long-life lithium-battery powered (supplied)

Choose Of User Interface Wireless Keypad or 4” or 7” Touchscreens:

WIRELESS KEYPAD

- Wireless Keypad, Digital Zone & Alpha/Icon Display, wall-mount keypad, OTA updates, long life lithium battery operation, keypad programming option. Use up to 5 keypads/touchscreens/system. (Featured In Kit 1)

4.3” SECURITY TOUCHSCREEN

- Wireless 4.3” full color security touchscreen, wall mount, with 12V power supply, intuitive central one-button arm/disarm operation, status icons plus full-function custom alpha keypad view. Smart App, OTA updates, tamper- and supervised-communications. System supports up to 5 touchscreens and/or wireless Secure Keypads. (Featured In Kit 2)

7” MULTIFUNCTION CONNECTED HOME TOUCHSCREEN

- Wireless 7” Advanced Touchscreen for Security/Live Video View/Smart Home controls w/ built in Z-Wave Controller.Intuitive touchscreen control of security system &/or iBridge Video™ and Video Doorbell camera-viewing; built-in Z-Wave control automation of locks, lights, temp & small appliances, plus Notification Alerts on events or reminders. Use up to 5/system; fast, quad-core, Hi-Res 1024 x 600 capacitive TFT display. Wall mount, with 12V power supply (supplied). (Featured In Kit 3)
iSecure 1 with Wireless LCD Keypad
• All-Inclusive: Go-Anywhere Smart Hub w/ up to 80 zones/points, 85dB Siren and Dual Path Cell/IP Verizon® LTE Reporting built-in, Wireless LCD Keypad (lithium battery-powered), Security & Notifications from Consumer App, 50’ Wireless PIR & 2 wireless window/door contact transmitters. Uses Pro 4Ah Battery for longest power outage protection (24hrs standby time, avg.) #ISEC-KIT1

iSecure 2 with Color 4.3” Security Touchscreen
• All-Inclusive: Go-Anywhere Smart Hub w/ up to 80 zones/points, 85dB Siren and Dual Path Cell/IP Verizon® LTE Reporting built-in, Wireless Security Touchscreen, Built-in Z-Wave Control from Consumer App, along with virtual keypad & SMS text notifications, 50’ Wireless PIR & 2 wireless window/door contacts. Uses Pro 4Ah Battery for longest power outage protection (24hrs standby time, avg.) #ISEC-KIT2

iSecure 3 with Connected Home/Video/Security 7” Touchscreen
• All-Inclusive: Go-Anywhere Smart Hub w/ up to 80 zones/points, 85dB Siren and Dual Path Cell/IP Verizon® LTE Reporting built-in; Built-in Z-Wave Control from touchscreen or App. Wireless Multifunction 7” TFT Security Touchscreen controls smart automation, live video-viewing, notification alerts/alarms and home security functions. One 50’ Wireless PIR & 2 wireless window/door contact transmitters. Uses Pro 4Ah Battery for longest power outage protection (24hrs standby time, avg.) #ISEC-KIT3

Expand iSecure Systems with Full Line of Optional Accessories:

KEYFOB
• 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
• Includes keyring, chain, replaceable battery

WIRELESS WATERPROOF PANIC
• Waterproof personal panic button
• 1-button operation with tactile feedback click

WIRELESS SMOKE DETECTOR
• Designer styling and longer battery life
• Long 5-year battery life, typ. (batteries included)
• Audible/visual indicator for low-battery & need for detector cleaning

WIRELESS CO DETECTOR
• 5.38 diameter and approx. 2” profile, uses 3V Lithium Battery for long life
• Monitor alarms, restores, low battery, tamper and status

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

ADDITIONAL WIRELESS SIREN(S)
• Up to 4 optional wireless sirens can be used in addition to the one built-into the Go-Anywhere Hub
• Plug into AC or optional battery operation (wall-mount)
• 85dB at 10’
• Supports Siren, Temporal Fire and CO alarm audible cadences
• Integral bright LED strobe
• Operable from 110VAC with battery-backup or Batteries-only
• Battery-only operation with 4 stand. Alkaline C cell batteries up to 3 years typ.

ISECURE TAKEOVER MODULE
• Easily convert an existing wired security system’s zones to wireless and eliminate rewiring or replacing installed sensors.
• Converts up to 8 wired zones and into 8 supervised wireless zones.
• Up to 4 Takeover Modules, for 32 zones, max., are supported/system

A749 iSecure Trifold Customizable consumer self-mailer, statement stuffer (FREE)
A748 iSecure Brochure Customizable 4pg consumer leave behind (FREE)

Also see iBridge Video Cameras & Doorbell pgs 15-17
The Power of...

Gemini Security Systems

Flexible and more options than ever

Gemini features and performance are excellent value vs. what we were using, plus Napco’s warranty is unbeatable (No questions asked replacement – No RMA).

### Ordering Information:

**PANELS**
- GEM-X255 8-255 Zone Hardwire/Wireless Panel w/ Xformer
- GEM-9600 8-96 Zone Hardwire/Wireless Panel w/ Xformer
- GEM-3200 8-32 Zone or 48 Wireless Zone Hardwire/Wireless Panel w/ Xformer
- GEM-1664 8-64 Zone Hardwire/Wireless Panel w/ Xformer
- GEM-P816 8-16 Zone Hardwire/Wireless Panel w/ Xformer

**KEYPADS**
- GEM-DK1CA Custom Alpha LCD Door Keypad (blue backlit) stay/away keys
- GEM-RP1CAE2 Custom Alpha LCD Keypad (green backlit) classic keys w/ 4-zone expander
- GEM-K1CA 4-zone expansion module built-in
- Gem-K2AS Fixed Alpha LCD Keypad (green backlit) stay/away keys

**GEM-P3200**: Popular, all around 8 zone hybrid control panel expandable to 32 zones or 48 wireless points
  - 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 7 RF receivers
  - Up to 7 keypads; or 4 Touchscreens
  - Interior bypass groups
  - 800 Event log
  - Auto arm/disarm
  - 255 Event scheduler
  - GEM-ACCESS supports access control add-on

**GEM-P816**: Economical hardwire/wireless control panel that works seamlessly with all standard Gemini keypads and wireless
  - 8 to 16 hardwire zones/points
  - Including 2 2-wire fire zones
  - Up to 16 user codes
  - Supports up to 7 keypads; or 4 Touchscreens
  - EZ Programming at keypad
  - 256 event logging
  - Supports 2 Gemini receivers
  - Auto arm
  - 3 Outputs

**ACCESSORIES**
- IBRIDGE APP User-friendly smart device App for remote virtual keypad, SMS &/or device control (Apple or Android)
- IBR-REMOTE Adds remote virtual keypad control, the matching the GEM keypad on the wall. Includes 12-mos remote subscriber access. Hardware. (add “-W” suffix for WiFi vsn)

**CELLULAR COMMUNICATORS**
- SLELTEV-C Universal Cell/IP Communicator & Hub, full virtual keypad, bus data & SMS notifications + up/downloading for Honeywell®/ADT®, DSC® & Napco, panels. Verizon® LTE Network
- SLE-LETA-C Cell/IP Hub, as above, but on AT&T® LTE Network
- SLE-LETV-Z Universal Cell/IP Communicator & Hub, as above, plus Z-Wave Device Control built-in, on Verizon LTE Network
- SLE-LETA-Z Same as above, plus built-in Z-Wave control on AT&T LTE Network
### Hybrid Expandable Panels

#### Napco Reliability & 3-Year Warranty, including 12-mos. over-the-counter exchange

#### Features:
- **Wide choice of keypads, wireless crystal-controlled transmitters & dual-diversity receivers for all applications**
- **iBridge® App & Matching Multifunction Touchscreen options** - Intuitive iBridge Touchscreen control of security system, live-video viewing up to 6 iBridge Video Cameras or doorbells, or smart control of Z-wave devices (Up to 4 touchscreens/ system: 7” color 1024 x 600 TFT & fast quad core)
- **Remote Virtual Keypad & SMS /MMS Alerts or Notifications on smart phones & devices (Apple® or Android®)**
- **High-Speed Up/Downloading, locally, remotely & over cellular** with StarLink LTE Communicators
- **StarLink Cellular Communication options, primary or backup & phoneline supervision**
- **EZ-Programming mode at keypad or virtual keypad ideal for no-roll service calls via App**
- **Multi-stage lightning protection**
- **Event log with open/closing suppression**
- **Access Control Module - Affordably & easily add on an access door at a time (HID or GemPX). In enclosure w/ power supply & battery backup provision**
  + Enduser Software (For GEMP3200/9600/X255)
- **Napco Reliability & 3-Year Warranty, including 12-mos. over-the-counter exchange**

### Features:

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>GEMP816</th>
<th>GEMP1632</th>
<th>GEMP1664</th>
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<tr>
<td>Keypads/GUI</td>
<td>LCD (w/ &amp; w/o door) &amp; LCD WRF Receiver, LED + Touchscreen, Smart App</td>
<td>LCD (w/ &amp; w/o door) &amp; LCD WRF Receiver, LED, Multifunction VPS + Touchscreen, Smart App</td>
<td>LCD (w/ &amp; w/o door) &amp; LCD WRF Receiver, LED, Multifunction VPS + Touchscreen, Smart App</td>
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<td>LCD (w/ &amp; w/o door) &amp; LCD WRF Receiver, LED, Multifunction VPS + Touchscreen, Smart App</td>
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<tr>
<td>Keypad Zone Expansion</td>
<td>4-Zones/ Alpha Keypad</td>
<td>4-Zones/ Alpha Keypad</td>
<td>4-Zones/ Alpha Keypad</td>
<td>4-Zones/ Alpha Keypad</td>
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<td>Max. Keypads/Bus Modules</td>
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<td>15</td>
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<td>Partitions/Areas</td>
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<tr>
<td>Event Log (date, time, event &amp; user)</td>
<td>256</td>
<td>400</td>
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<td>User Codes</td>
<td>16</td>
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<td>64</td>
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<td>Smoke Loop</td>
<td>16 or 2ea. 2wire</td>
<td>32 or 2ea. 2wire</td>
<td>64 or 2ea. 2wire</td>
<td>32 or 2ea. 2wire</td>
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<td>Auto Arm</td>
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<td>Programmable Outputs on board</td>
<td>3</td>
<td>3, expands to 11</td>
<td>3, expands to 16</td>
<td>3, expands to 27</td>
<td>3, expands to 99</td>
<td>3, expands to 99</td>
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<tr>
<td>Smartphone App &amp; Notifications (via cell radio)</td>
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<td>High-Speed Up/Downloading Methods</td>
<td>Local, Remote + Cellular</td>
<td>Local, Remote + Cellular</td>
<td>Local, Remote + Cellular</td>
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<td>Access Control Module Add-on</td>
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<td>Fire Alarm Verification</td>
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<td>Dynamic battery test</td>
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<td>RS232 onboard</td>
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<tr>
<td>Independent Aux. &amp; Remote Databus Power</td>
<td>650mA</td>
<td>650mA</td>
<td>650mA</td>
<td>650mA</td>
<td>750mA</td>
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<td>Phonenumber supervision</td>
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<td>Siren Supervision</td>
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<tr>
<td>Cell Communication option</td>
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<tr>
<td>Communication Formats</td>
<td>SIA &amp; Contact ID</td>
<td>SIA &amp; Contact ID</td>
<td>SIA &amp; Contact ID</td>
<td>SIA, Contact ID, Modern II</td>
<td>SIA, Contact ID, Modern II</td>
<td>SIA, Contact ID, Modern II</td>
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<tr>
<td>Operating Power</td>
<td>16.5VAC, w/ 20VA xfrmr included (40 option)</td>
<td>16.5VAC, w/ 20VA xfrmr included (40 option)</td>
<td>16.5VAC, w/ 20VA xfrmr included (40 option)</td>
<td>16.5VAC, w/ 40VA xfrmr included (40 option)</td>
<td>16.5VAC, w/ 40VA xfrmr included (40 option)</td>
<td>16.5VAC, w/ 40VA xfrmr included (40 option)</td>
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<tr>
<td>Operating Temperature</td>
<td>32° - 120°F</td>
<td>32° - 120°F</td>
<td>32° - 120°F</td>
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<td>32° - 120°F</td>
<td>32° - 120°F</td>
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<tr>
<td>Warranty</td>
<td>Over the counter &amp;/or up to 3 years</td>
<td>Over the counter &amp;/or up to 3 years</td>
<td>Over the counter &amp;/or up to 3 years</td>
<td>Over the counter &amp;/or up to 3 years</td>
<td>Over the counter &amp;/or up to 3 years</td>
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<tr>
<td>Dimensions</td>
<td>12.25 x 11 x 2.75&quot;</td>
<td>12.25 x 11 x 2.75&quot;</td>
<td>12.4 x 13.9 x 4&quot;</td>
<td>12.4 x 13.9 x 3.5&quot;</td>
<td>12.4 x 13.9 x 3.5&quot;</td>
<td>12.4 x 13.9 x 3.5&quot;</td>
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<tr>
<td>Compliances</td>
<td>UL985, 1023 &amp; 1635; CP-01</td>
<td>UL985, 1023 &amp; 1635; CP-01</td>
<td>UL985, 1023 &amp; 1635; CP-01</td>
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<td>UL985, 1023 &amp; 1635; CP-01</td>
</tr>
</tbody>
</table>

**Always consult Wrisco data for complete system specs and current compliances. Some options unavailable or require separate accessory component E, purchase &/or subscription.**

**Max. iBridge Touchscreens 4 per system.**
Door-Style Keypads
GEM-DK1CA
• Contemporary 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 & away functionality
• Built in 4-zone expander
• 3 built in panic buttons
• Familiar Napco operation, identical usage and programming to GEM-K1CAe2
• (Also available in digital model GEM-DK3DGTL, shown right)

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

Custom Alphanumeric Keypads
GEMK1CA and GEMRP1CAe2
• Deluxe 32-character backlit, menu-driven, dual-line display
• Custom alphanumeric zone directory
• Built-in 4 Zone expansion module
• Display of wireless transmitter signal strength 1-10
• EZ Keypad Programming2 with actual Q&A’s
• Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant (hold-down) with the GEMK1CA. Traditional interior and instant keys with the GEMRP1CAe2
• Large soft touch backlit keys with tone
• Backlit displays for easy reading
• Wireless transmitter signal strength indication
• Fire, police and auxiliary programmable panic keys
• Fingertip reference chart
Alpha/Symbol Keypads
GEMK2AS and GEMRP2ASe2
• Unique backlit, combination alphanumeric and symbol display
• Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant key (hold-down) with the GEMK2AS. Traditional interior and instant keys with GEMRP2ASe2
• Large soft touch backlit keys with tone
• Backlit displays for easy reading
• Wireless transmitter signal strength indication
• Decor friendly soft white design
• Fire, police and auxiliary programmable panic keys
• Fingertip reference chart

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

Digital Keypads
GEMK3DGTL and GEMRP3DGTL
• Vivid dual 7-segment digital display keypad
• Intuitive, stay & away ease-of-use buttons, for easy one button arm and easy instant (hold-down) with the GEMK3DGTL Traditional interior and instant keys with the GEMRP3DGTL
• Large soft touch backlit keys with tone
• Backlit displays for easy reading
• Wireless transmitter signal strength indication
• Decor friendly soft white design
• Fire, police and auxiliary programmable panic keys

iBridge Touch
7” Color Touchscreen for Security, Video, Smart Home & Business
Features:
• Intuitive, wall-mounted touchscreen control of security system and/or optional video and smart home or business automation, with Z-Wave® locks, lights, temp & small appliances*
• Brilliant 7-inch high-res color 1024 x 600 TFT capacitive display
• Ultra-responsive, high-speed, quad-core processor
• Choice of hardwired or wireless ‘Bridge Touch™’ models (IBR-TOUCH or -WL)
• WiFi models w/ 12V plug-in transformer (supplied)
• Slimline, clean decor-friendly design and GUI; matches iBridge App
• Built in voice prompts and sounder speaker
• Easy Icon Security Control &/or Matching Conventional Keypad Control of Napco Gemini and other leading brand panels; also arm/disarm control of any panel with a keyswitch input

* Automation uses standard Z-Wave devices and requires optional equipment - See StarLink Connect Spec Sheet (A739B)
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. 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.
How to build a winning Gemini System...
Choose from many available options & accessories

**Choose a Panel**

- GEM-P816
- GEM-P1632
- GEM-P1664
- GEM-P3200
- GEM-P6600
- GEM-X255

**Choose a Wireless Receiver**
(Choose by # of wireless points)

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

**Choose a Keypad**

- GEM-K1VPS
- GEM-P816
- GEM-P1632
- GEM-P1664
- GEM-P3200
- GEM-P6600
- GEM-X255

**Choose a Panel Accessory**

- GEM-K1CA/DK1CA
- GEM-K1VPS
- GEM-K2AS
- GEM-K3DGTL/DK3DGTL
- GEM-K4RF/KR
- GEM-IBRTOUCH/WL
- GEM-RP1CAe2
- GEM-RP2ASe2
- GEM-RP3DGTL

**Choose a Cell Communicator**

- INTRUSION
- CONNECTED HOME/BIZ & SMS

**Choose Wireless Devices (Crystal-Controlled)**

- GEM-WPPANIC WATERPROOF PANIC
- GEM-KEYF KEYFOB
- GEM-TRANSLP LOW PROFILE WINDOW/DOOR
- GEM-TRANS2 WINDOW/DOOR
- GEM-RTRANS RECESSED WINDOW/DOOR

- GEM-DT DUAL TECHNOLOGY PIR/MICROWAVE
- GEM-PIR/GEM-PIRPET PASSIVE
- GEM-GB ACOUSTIC GLASS BREAK
- GEMC-WL-CO CARBON MONOXIDE DETECTOR
- GEM-SMK SMOKE
- GEM-HEAT DETECTOR
Napco has proven thru decades of service to be the most reliable and worthy of all trust & peace of mind.

Patented Adaptive® slimline sensor C100STE & long-range model C100STLRE
- C-100STLRE 30’ x 35’ range
- C-100STLRE 50’ x 40’ range
- Proven, patented adaptive technology continuously monitors the environment, counteracting false alarms and re-sensitizing to optimize intruder catch
- Active self-test supervision of both microwave & PIR channels
- Wide array of interchangeable lenses
- Secured cover; tamper-supervised

Commercial Adaptive sensors with mask/block supervision M7300STE
- 70 x 60’ range
- Active self-test supervision of both microwave & PIR channels
- Alarm memory w/ 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

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. 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

Microprocessor PIR with 65lb pet immunity & built-in room-temp alert PIR1680PT:
- 45’ x 45’ range
- 65lb pet/animal immunity
- Room-temp alert – temperature monitoring provides auto-alert at 400F - 900 F
- Look-down/creep zone
- D.C.I.D. Technology- detect & compare imaging diagnostics for advanced false & 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 w/ 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

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

IQ PROFILER™:
- 50lb. pet immunity (22.7Kg) & superior false alarm discrimination with unique dual focal lenses.
- Installation in a snap with patented Quick-Mount and Quick-Wire terminals
- Maximum range: 50’ x 50’
- Quick-catch mode
- Décor white bi-optic contour case and dual focal lenses provide exceptional distance profiling
- Far field lens allows for detection of large objects and ignores small targets nearby
- Near field lens allows for discrimination of small targets nearby
- Shielded high-performance aspheric lenses plus look-down/creep zone
- Sensor chamber prevents insect, draft, and dust interference.
- 20V/m RF-shielded circuitry
Together, we can reach new heights & do better:
- Safer Schools, Campus, Kids & Staff
- Secure Homes, Houses of Worship, Event- & Public-Spaces
- Protected Workplaces, Businesses, Institutions & Government
- Peace & Peace-Keeping vs. Terrorism & Warfare
- Mindful, Peaceful Planet

Technology is a powerful, ever-evolving tool we use to solve and resolve many of today’s issues. A central, basic need for all of us, is to attain a feeling of safety and security, especially in our homes, schools, neighborhoods, workplaces & business. Sadly, this is increasingly scarce in a violence-filled world, as we feel vulnerable and at risk, barraged by 24-hour news cycles & boundless social media. Security professionals & security technologies play a key role in providing peace-of-mind solutions and protection, locally, across a campus, enterprise, even spanning globally.

NAPCO Security Technologies
Rooted in professional security & technology, since 1969. Thank you for your continued support, on this our 50th year & beyond.
Napco Security | Alarm Lock Locking | Continental Access | Marks USA Door Hardware | StarLink Communications
ABOUT NAPCO

NAPCO Security Technologies, has a long heritage and proven track record in the professional security community, for innovative technology and high quality, building many of the industry’s best-known brands. Universal StarLink® & StarLink Fire® LTE Cellular Communicators, with unparalleled savings, signal strength and Panel-Powered™ ease of use, for commercial fire and intrusion alarm reporting, are category leaders. StarLink Connect® Cell/IP Communicators, offer still more, with universal downloading for top-selling panel brands, and/or built-in Smart Hubs with connected control App & SMS/MMS notifications Powered by iBridge®. Ideal Tech upgrades or on their own, iBridge Video™ WiFi HD Cameras are available for inside or out, featuring onboard video storage and 2-way audio via the App, including popular video doorbell with nightvision. iBridge Touch® Security/Video/Automation Touchscreen, also works with top panel brands, and literally showcases all, on its brilliant ultra-responsive quad-core display. Seamless & flexibly integrated, Napco has powerful, Gemini™ Hybrid Security Systems from 8 to 255 zones, and the Napco Commercial Platform of 24V/12V Addressable/Conventional/Wireless Systems, including robust Firewolf® Fire Panels & Devices. Ever market-responsive, Napco recently introduced two new award-winning, integrated systems with StarLink Inside™: FireLink® Series Cellular FACPs and iSecure® Cellular Alarm Systems with multifunction Go-Anywhere™ Hub. Both feature built in LTE cellular communicators, new cloud-based programming, and a host of labor- and equipment-cost saving features & smart accessories.

All of Napco’s products, for home, business, campus, healthcare and more, are manufactured in its own 200,000 square foot, ISO:9001 Certified facility, using rigorous quality standards. They’re proven dependable and built to last, backed by the industry’s longest warranty, plus Napco US-headquarters-based technical support. Our CEU-accredited professional training, online and in the field, is designed to help dealers and integrators stay ahead of the curve and competition, by incorporating the latest in technological advances. Napco Security Technologies, includes synergistic Alarm Lock, Continental Access & Marks USA security divisions, and is a publicly-traded company (NASDAQ: NSSC), headquartered in Long Island, New York USA.