

Gemini



For over three decades, NAPCO has been dedicated to creating and manufacturing innovative products for security professionals who want to offer their home and business customers the most reliable system technology available. Proudly, today the same commitment holds true. One of these is the Gemini Family of Hybrid Hardwire/Wireless Products. In fact, our 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 brands.

Napco's growing Gemini family includes a comprehensive line of hybrid hardwire/wireless multi-tasking products: Control panels ranging from 8 to 255 zones, easy-to-use, designer keypads, including one with built-in 32-Point RF Receiver, and a full line of conventional 8 to 255 point null-free, helically-filtered RF receivers. Plus, 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.

Gemini products are also meticulously engineered with your

needs in mind, too. All Gemini panels and receivers seamlessly support the full line of Gemini Transmitters and virtually all panels, keypads, receivers and peripherals are compatible with each other and work the same, model to model. Ensuring ideal RF signal reception, during system setup Gemini Transmitter signal strength is indicated visually or audibly, right at the keypad, in every Gemini Keypad Model! "Know before you go" that your transmitter and receiver alignment is optimized to yield the desired dependability, point for point. Configuring a system is now easier than ever too, with Windows-based PCD- WINDOWS software, and Keypad-EZ-Programming Mode, for menu-driven keypad programming, in which routine setup questions are asked in yes-no or fill-in format. Gemini offers PC-Preset remote downloading—where you can create a master program and transmit it from your central office automatically at anytime, hands-free.

Customize a NAPCO Gemini System to meet the needs of your residential and commercial customers, today and tomorrow, offering them unmatched flexibility to grow. Our Hybrid Control Panels all start with a base of 8 zones – expanded with convenient multiplexing via built-in zones in alpha keypads or EZM module, to a maximum of 255 hardwire/wireless zones with the GEM-X255 Fuseless, Maintenance-free Control. With so many innovative products, the ever-expanding Gemini line is unbeatable. Give your customers the safety and reliability they deserve, standardize on NAPCO Gemini Security Systems.

ADVANCED PERFORMANCE GEM RF RECEIVERS:

- RECV-8 8 Points.
- RECV-XP8 8 Points For Express and P801/800/P400 panels, only
- RECV-16 16 Points.
- RECV-96 96 Points.
- RECV-X255 255 Points
- GEM-K4RF Keypad for up to 32 Points.

- Dual diversity antennas minimize nulls & enhance reliability.
- Tamper-& RF-jamming supervision.
- Separate programmable supervisory times by device type.
- Audible Fault-Find mode in walk test.
- NEW English language keypad GEM-K4RF with built in receiver for up to 32 points (at left).**



K-Series Gemini Keypads

With Stay and Away Keys!

All Feature:

- Intuitive Stay and Away Keys
- Large "Soft Touch" backlit keys with tone
- Backlit displays for easy reading
- Wireless Transmitter Signal Strength Indication
- Super EZ-Programming Mode (Q&A Format with Custom Alpha models)
- Décor friendly Soft White design
- Fire, Police and Auxiliary programmable panic keys
- Fingertip reference chart

GEM	P816	P1632	P3200	P9600	X255	P801
K1CA	•	•	•	•	•	
K2AS		•	•	•	•	
K3DGTL	•	•	•	•		
K4RF	•	•	•	•		
K4	•	•	•	•		
RP1CAe2	•	•	•	•	•	
RP2ASe2	•	•	•	•		
RP3DGTL	•	•	•	•		
RP8LCD						•
RP8/K800						•

RP-Series Gemini Classic Keypads

The Industry's Perennial Favorite Design

All Feature:

- Backlit displays for easy reading
- Large "Soft Touch" backlit keys with tone, including traditional Interior and Instant Keys
- Wireless Transmitter Signal Strength Indication
- EZ-Programming Mode (Q&A Format with Custom Alpha models)
- Décor friendly Soft White design
- Fire, Police and Auxiliary programmable panic keys
- Fingertip reference chart

GEM-K1CA Custom Alphanumeric Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "night mode" (hold-down)
- 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 Programming with actual Q&A's to step thru configuration

GEM-K2AS Alpha/Symbol Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "night mode" (hold-down)
- Unique backlit, combination alphanumeric and symbol display

GEM-K3DGTL Digital Display Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "night mode" (hold-down)
- Vivid dual 7-segment digital display keypad

GEM-K4RF Integrated English Language Keypad with Built-in 32 Pt. RF Receiver Added Features:

- Large backlit, fixed English Display
- Built-in Gemini Wireless Receiver for up to 32 points of labor-saving convenience
- Proven crystal-control wireless performance
- Supports all Gemini transmitters
- New Stay & Away ease-of-use buttons, for easy one button arm
- Matching Keypad without receiver **GEM-K4**

GEM-RP1CAe2 Custom Alphanumeric Keypad Added Features:

- 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 by I.D.
- Traditional Interior and night mode Keys
- EZ Keypad Programming with actual Q&A's to step thru config.

GEM-RP2ASe2 Alpha/Symbol Keypad Added Features:

- Unique backlit, combination alphanumeric and symbol display
- Traditional Interior and night mode Keys

GEM-RP3DGTL Digital Display Keypad Added Features:

- Includes Standard keypad features plus
- Vivid dual 7-segment digital display keypad
- Traditional Interior and night mode Keys

GEMRP8LCD Custom Alphanumeric Keypad with Stay & Away --The "RP" that acts like a K-Series

- Stay & Away for easy one button arm and easy "night mode"
- Deluxe 32-character backlit dual-line display +alpha directory
- Built-in 2 Zone Expansion Module
- Display of Wireless Transmitter Signal Strength

GEM-RP8/GEM-K800 Numeric Keypad also available and supplied with GEMP801/800 (shown on p4)



Gemini Hardwire/Wireless Controls



THESE HYBRID CONTROLS ALL FEATURE:

- Support for choice of designer keypads for every application and budget.(see p. 3)
- Multiplex Expandability using Built-in EZMs in Custom Alpha Keypads or 8-Zone Expansion Modules (except GEM-P800)
- Up/Downloading, including Unique PC-Preset Unattended Method
- EZ-Programming Mode at Keypad
- Choice of Gemini RF Receivers & Transmitters
- Partitioning by Area (Not P816/P801/P800)
- Multi-stage lightning protection
- Event Log with Open/Close Suppression, as noted below
- Additional Relays May be Added for most models
- X-10 Support with Optional GEM-X10 Interface Module (most models)
- Telco Line Cut Supervision
- Support All Major Communication Formats & Secondary Pager Format
- Include Transformer

ADDED GEM-P816 FEATURES:

- 8 Hybrid zones on-board, including 2 2-wire fire zones.
- With multiplexing, the P816 can be increased up to 16 EOL zones.
- Up to 16 user codes
- Supports up to 7 keypads (see chart p.3)
- EZ Programming at keypad
- 256 event logging
- Supports 2 Gemini receivers
- Interior bypass Group
- Auto Arm
- 3 Outputs

ADDED GEM-P1632 FEATURES:

- 8 Hardwire or Wireless Zones on Board; Instantly EZ-Zone Doubled to 16-With NO Additional Equipment or Cost!
- Up to 32 Zones with Multiplex Expansion
- 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 (see chart p.3)
- 3 on-board relay outputs; expandable to 8 relay outputs
- Up to 2 RF receivers
- Interior bypass groups
- Up to 8 X-10 devices supported for 16 different events
- 400 event log
- Auto arm

ADDED GEM-P3200 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
- 3 On-Board Relay Outputs; Expandable to 24
- 1 On-Board Programmable Lug
- Supports 4 wireless receivers
- Supports 15 GEMRP1CAE2 or GEMK1CA keypads
- Up to 2 interior bypass groups
- X-10 support, for 64 devices (with GEM-X10 module)
- 800 Event Log
- Auto Arm/Disarm
- 255 Event Scheduler

ADDED GEM-P9600 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 (see chart p.3)
- Up to Interior Bypass Groups
- Up to 64 X-10 Devices Supported
- 800 Event Log
- Auto Arm/Disarm
- 255 Event Scheduler
- Support GEM-Automation alarm-to-pc automation software package interface.
- Support GEM-Developer Development Professional's Protocol for Custom Integration.
- Support Phast Automation Systems with GEM-PHASTPAK Interface
- Permits permanent Panel-Port connection to Automation Hubs using GEM-RS232 Interface

ADDED GEM-X255 FEATURES:

- 8 to 255 hardwired zones or wireless points/zones
- Expandable using 8-zone GEM-EZM8 expansion modules (labeled "GEMX255 module")
- Up to 96 fire zones, including 8 2-Wire Fire Zones
- Up/downloadable using PCD-WINDOWS.
- Up to 8 areas
- Up to 195 user codes with opening/closing by user
- Fuseless, maintenance-free operation
- 3 On-board relay outputs
- 1 On-board programmable lug
- Up to 96 relays
- Supports 4 wireless receivers
- Supports 15 GEMRP1CAE2 or GEMK1CA keypads
- Up to 2 interior bypass groups
- X-10 support, for 64 devices (with GEM-X10 module)
- 800 Event log w/ open/close suppress
- Auto arm/disarm
- 255 Event scheduler
- All major communication formats & secondary pager format
- Telco line cut supervision.



New! GemK800 with Stay and Away keypad supplied with GEMP801/P800

ADDED GEM-P800 FEATURES:

- 8 programmable zones, including 2-wire fire
- Up to 16 Gemini wireless points: 8 wireless points from your choice of Gemini PIR, window/door & glassbreak transmitters
- Up to 4 Gemini wireless smokes
- Supports 4 handy multifunction Gemini keyfobs w/ panic
- 8 individually reporting user codes
- Supports up to 4 keypads

ADDED GEM-P801 FEATURES:

- Includes RP8 Numeric Keypad
- 9 programmable zones, including 2-wire (No zone doubling)
- 6 Hardwire or wireless zones plus: 2 wireless zones plus 1 2-wire fire zone
- Use 2 optional zones at GEMRP8LCD Custom Alpha Keypad
- Uses GEMRECXP8 wireless receiver
- 8 individually reporting user codes
- 50 event log
- PC programmable with PCD-Windows
- Line and bell-cut supervision
- Double reporting & backup reporting
- EZ wire full-size terminal strips

GEM-EZM8/8 EXPANSION MODULE

- Economy zone expansion module that works with both GEM-P816 and GEM-P1632 control panels
- Increases eight on-board zones in selectable increments of four or eight zones

GEM-EZM8 EXPANSION MODULE

- Eight-zone expansion module
- Audible "Find Mode"

WIZARD IIe PHONE MODULE

- "Talking" Phone-In Interface Module for Remote Gemini System and Appliance Control from any Touch-tone Phone
- Easy control with 2 phone keys

GEM-EVA1 VOICE ANNUNCIATOR

- Comforting "voice" announcement for alarm system operations and use
- Self-contained active speaker module
- Check panel manual for compatibility

GEM-AUTOMATION

- Home/facilities automation panel-to-PC interface kit for P9600
- Supported by a growing number of leading PC Automation packages: Home Director Pro™, Savoy Cyberhouse™, Phast, Creston and more

GEM-PRINT

- Module that enables Gemini system activity to print to an on-site parallel printer



WIRELESS WINDOW/DOOR TRANSMITTERS:

GEM-TRANS2 2-Points.

- Soft white, compact and 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-TRANSBRN25

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

RECESSED WIRELESS WINDOW/DOOR TRANSMITTER:

GEM-RTRANS

- For recessed use in both windows and doors
- Powerful wireless transmitter
- White Housing, Magnet & Hole Cover
- Long-life 3V type DL123A lithium battery supplied. (Field-replaceable 5 year battery)

WIRELESS KEYFOB/EMERGENCY PENDANT TRANSMITTER:

GEM-KEYF

- 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 confirms transmission or low battery.
- Includes key ring, neck chain, replaceable battery, 2 & 4 key (button) sets and plugs for unused keys.

WIRELESS WATERPROOF PANIC:

GEM-WP PANIC

- Waterproof personal panic button
- Worry-free convenience
- 1-button operation with tactile feedback "click"
- Extra-large, "soft touch" button for trouble-free use even by dexterity-impaired or arthritic hands

WIRELESS ADAPTIVE® 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 ACOUSTIC GLASS BREAK DETECTOR:

GEM-GB

- Superior-immunity to false alarms and excellent detection, even though blind & 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 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.

WIRELESS PET PIR:

GEM-PIRPET

- 50' x 50' range
- 40 lb. pet/animal immunity
- Signal selective processing
- Auto-temperature compensation
- EMI/RFI protected with fully-shielded SMD circuitry
- Battery-Saver feature.
- Includes lithium batteries and mounting screws.

WIRELESS PHOTOELECTRIC SMOKE:

GEM-SMK

- Built-in test switch.
- Visual LED indicates alarm and standby.
- Includes batteries & mounting kit.

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.



Independent Tests Prove NAPCO Wireless Outperforms The Competition

We had every major manufacturer's wireless put to the test and one system outperformed the rest by as much as 50% – NAPCO's Gemini. Even under torture-test conditions, in the toughest industrial warehousing, with metal and motors galore, NAPCO Gemini Crystal-Control Window/Door Transmitters and Keyfobs cut thru the obstructions with stronger signal strength for superior range and reliability. And, rest assured all NAPCO Gemini Wireless Devices use this same proven wireless technology for equally exceptional performance. Don't just take our word for it – put Gemini to the test at your company.

Range (In Feet) – In tough industrial warehouse environment

	200 FT	400 FT	600 FT	800 FT
NAPCO GEM-TRANS2				800
ITI 60-362-10-319.5		500		
ADEMCO 5816		500		
DSC WLS907		400		

KEYFOBS

NAPCO GEM-KEYF		525		
ITI 80-358	325			
ADEMCO 5804	325			
DSC WLS909	325			



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Requests for the report of these findings (by NY Testing Laboratories, Inc.) may be made in writing to NAPCO, ATTN: RF TEST MKTG, to the address below. Gemini is a trademark of NAPCO. © NAPCO New York Testing Laboratories, Inc. and its logo are properties thereof. Ademco Vista, DSC Power and ITI Concord are trademarks of their respective companies. Testing utilized 25 and 50' range increments. The following systems were used in above testing: NAPCO Gemini P1632, ITI Concord 60-806, DSC Power 832, Ademco Vista 105E. A377C ©10-03 Napco

Gemini

Protect your customers and your business with Gemini Wireless

Proven most reliable in independent tests

hybrid
go to 255

wireless



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