

NAPCO Express

XP
400/600



4- and 6-zone hybrid hardwire/wireless systems promise even the discriminating consumer, some of the **most reliable security** technology available at an **unsurpassed value**.

- Engineered to be featured-rich and dependable
- Wireless-Ready using all the standard Gemini crystal-control wireless – proven to outperform leading competitive brands in independent tests.
- Super-easy, LED Keypads with 3 Keypad Panics Buttons, privacy door and concealed zone directory—great new décor-blending contemporary styling!
- 4 to 6 Programmable, Hardwire Zones (XP400 and XP600, respectively)
- 4 to 6 Individually Reporting Users.
- Up to 6 Wireless Points, Plus 2 to 4 Wireless Keyfobs. (Assured transmitter signal strength annunciated at keypad).
- XP600 Additionally Includes 2-Wire UL Fire Supporting up to 4 Wireless Smoke Detectors.

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, NAPCO Gemini crystal-control transmitters cut through with stronger strength for superior range & reliability.

WINDOWS/DOOR TRANSMITTERS	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	



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 Honeywell Co., Tyco Intl. and GE, respectively. 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.



Manufacturing great security products is all we do. **It's that simple.™**

NAPCO EXPRESS 4 & 6 zone hybrid control

XP600 FEATURES:

- 6 programmable hardwire zones plus 1 fire zone.
- Up to 6 individually-reporting user codes.
- Wireless-Ready: Supports up to 2 Gemini wireless receivers (GEM-RECV-XP8) and all Gemini Transmitters, crystal-controlled for maximum reliability.
- Wireless support for up to 4 keyfobs with programmable audible "chirp" arm/disarm; plus 6 points from your choice of any Gemini transmitters.
- 2-Wire Fire Zone additionally supports 4 wireless Gemini Smoke Detectors

XP400 FEATURES:

- 4 programmable hardwire zones.
- Up to 4 individually-reporting user codes.
- Wireless-Ready: Supports up to 2 Gemini wireless receivers (GEM-RECV-XP8) and all Gemini transmitters, crystal-controlled for maximum reliability.
- Wireless support for up to 2 key fobs with programmable audible "chirp" arm/disarm; plus 4 points from your choice of any Gemini transmitters.

BOTH NAPCO EXPRESS SERIES CONTROLS FEATURE:

- Adjustable supervisory time for transmitter check-in.
- Programmable telephone line cut supervision.
- 2 Programmable outputs for burglary, siren, strobe, audio verification-by-zone, access control, etc.
- "EZ-Loops™" exclusive, intuitive, easy-to-wire double zoning with fault supervision.
- EZ-Wire full-size terminal strip.
- "Home/Away with Delay" for auto interior bypass.
- Chime feature.
- Supervised Bell Output.
- Swinger shutdown.
- Compliances: UL, ULC, FCC, CE.

SPECIFICATIONS:

- Alarm Output: Burg -12 VDC, 2A, max; Fire- 12VDC, 125mA. Combined Standby Current: XP600 - 500mA, max; XP400-250mA, max.
- Loop resistance: 100 ohms, max.
- Loop current: 0.9mA (Zns 1,2,3); 0.5mA (Zns 4,5,6).

COMMUNICATOR:

- NAPCO Quickloader® PCD-WINDOWS Software for easy up/downloading. Includes unique unattended method, selectable call-back or instant-connect, keypad-activated method.
- Reports in all major formats: 3/1, 4/2, Ademco Slow, Radionics Fast, Silent Knight Fast, Universal High Speed & Point ID.
- Also Reports on Pager Format
- Reporting to up to 3 phone numbers.

NAPCO EXPRESS KEYPADS:

- Deluxe Backlit Keypad RXP6 supplied with XP600 System
- Standard RXP4 Keypad supplied with XP400 System
- Very easy to use and learn.
- Attractive, decorator white keypads with compact styling.
- Multilingual displays available.
- Vivid LED keypad display.
- 3 Keypad activated panics.
- Visual & Audible Indicators for Actual Wireless Transmitter Signal Strength (1-4) through Keypad's Sounder & LEDs.
- Full-size touch-tone keys.
- Keypad display of: transmitter trouble, transmitter low battery, telephone line failure (also with audible annunciation).
- Up to 4 Keypads Supported on XP600;
- Up to 3 Keypads Supported on XP400.
- Keyswitch Option



ORDERING INFORMATION:

NAPCO EXPRESS SERIES:

- **XP600/4** 4-Pak of Hybrid XP600 Controls & 4 RPX6 Backlit LED Keypads. (Transformers sold separately.)
- **RPX6** Additional Backlit Keypad
- **XP400/4** 4-Pak of Hybrid XP400 Controls & 4 RPX4 LED Keypads. (Transformers sold separately.)
- **RPX4** Additional Keypads.

Note: Systems require 16.5VAC Transformer & Battery Separately Available

- **TRF12** 16.5VDC 20VA Transformer, or equivalent separately purchased for above.

GEMINI™ WIRELESS:

- **RECV XP8** 8-Point Wireless Receiver.
- **GEM-KEYF** Wireless Keyfob for Pendant Panic (keyring & neck chain, supplied).
- **GEM-TRANS 2** 2 Point Wireless Window/Door Transmitter (battery, included).
- **GEM-PIRPET** Wireless PIR Sensor w/ 50 x 50' Coverage and 40lb. pet-animal immunity. (Battery supplied).
- **GEM-PIR**, as above, for non pet/animal applications.
- **GEM-SMK** Wireless Photoelectric Smoke Detector (battery supplied).
- **GEM-GB** Wireless Acoustic Glass Break Detector with 25' Radius.
- **GEM-DT** Wireless Adaptive® Dual Technology Microwave/PIR Sensor with 40' x 40' coverage
- **GEM-WP PANIC** Waterproof, wearable, single-button panic (pendant and keyring supplied).
- **GEM-RTRANS** Wireless Recessed Window/Door Transmitter with Replaceable battery (supplied).

NAPCO SECURITY GROUP

In North America

1-800-645-9445
631-842-9400
333 Bayview Avenue
Amityville, New York 11701 USA
www.napcosecurity.com

International

224 Europa Blvd, Gemini Business Park
Warrington WA5 7TN England UK
44 (0) 1925242428





P1632

The Gemini **P1632** hardwire/wireless control panel with **partitioning**. **Easy to standardize on.**

- 8 hybrid zones on-board including two 2-wire fire zones
- With multiplexing, can accommodate up to 32 EOL zones (from alpha keypads or multiplex modules, including the low-cost GEM-EZM4/8 Expansion Module).
- Programmable partitioning for 2 areas
- Up to 32 users
- Uses all the standard Gemini crystal-control wireless – proven to outperform leading competitive brands in independent tests!
- New! "EZ Programming 2" Ultra Easy Keypad Programming at either Custom Alpha Keypad: No address locations to know; no Hex to calculate; Just answer questions as they appear in the keypad's display. Direct-enter data like your dialing a phone or just answer Yes or No.

Gemini keypads compatible with the GEMP1632

GEMP1632	K1CA	K2AS	K3DGTL	K4RF	K4	RP1CAe2	RP2ASe2	RP3DGTL	RP8LCD	RP8/K800
	•	•	•	•	•	•	•	•		

Gemini 



Manufacturing great security products is all we do. *It's that simple.*™

Gemini™ P1632 zone hybrid control

The Gemini™ GEM-P1632 Hybrid 8 to 32-Zone Control/Communicator features 8 zones expandable to 32 zones with (multiplexing) assignable to either of two areas. Supporting up to 32 user codes, 8 relays, and X-10 support, the GEM-P1632 powerhouse has it all, wireless or hardwire! The panel supports all reliable, crystal-control Gemini Wireless, proven in independent tests to outperform the top competitive brands.

- 8 Hardwire/Wireless Zones on Board.
- Up to 32 zones with multiplex expansion including 2 2-wire fire zones (7;8)
- Uses economy GEMEZM4/8 Zone Expansion Module (or standard GEMEZM8).
- "Self-Programming Plus 2" menu-driven self-programming mode with either custom alpha keypad, GEMRP1CAe2 or KA1CA (with Stay and Away keys).
- Fuseless maintenance-free operation
- Up to 32 user codes.
- Up to 2 areas; partitionable by area.
- 3 on-board outputs, up to 16 external relay outputs (RM3008s).
- Up to 2 RF receivers
- Interior bypass group with programmable automatic interior bypass.
- Up to 8 X-10 devices supported for 16 different events.
- 255 event schedule.
- 400 event log.
- Auto Arm.
- Uses up to 7 of any of the Classic or K-Series Stay & Away keypads: custom alpha/icon or digital keypads (as shown on right).
- Programmable Telco line cut supervision with delay.
- 3 keypad panic (F, P, A)
- Major communicator formats, including: 4/2, SIA, 4+2 and Point ID, plus pager.
- Backup/double/split reporting; three 20-digit telephone numbers.
- Dynamic battery test.
- Reports alarms, restores and troubles by zone.
- 2 programmable entry delay times.
- Chime by zone.
- 8 EOL burglary zones programmable for area, E/E delay, interior, follower, day zone, chime, fire options, sensor watch, swinger shutdown, cross zoning, etc.
- Multiplex Expandability with GEMEZM4/8 or GEMEZM8 zone expansion modules
- Quickloader up/downloading, including unique unattended method
- Choice of 8 or 16 pt Gemini RF receivers or keypad/receiver
- Event log with open/close suppression
- Supports Wizard™ IIe Talking Phone-In interface module

Output power amps: (with 20VA transformer included) 500mA/2A; with optional 40VA trans 650mA/2A.

Operating temp: 0 - 49 degrees C.

Input power: 16.5VAC via Class 2 plug-in 40VA transformer

Loop voltage: 10-13Vdc

Loop current: 2.5mA with 2.2k ohm EOLR; 5mA for 2-wire fire

Loop resist.: 300 ohm max.; 50 ohm max for 2-wire fire

Aux & remote power: 12Vdc regulated

Combined standby current: 650mA

Alarm current: 2A

Burg. voltage output: 1; **Programmable negative outputs:** 2

UL Listed. CPO1 compliant models available.

CONVENIENT 1632 PACKAGES:

- **GEM-P1632** GEM-P1632 control and transformer
- **1632PROPAK** GEM-P1632 control, GEM-RP3DGTL digital keypad and transf.
- **1632INTROPAK** GEM-P1632 control, GEMRP1CAE2 alpha keypad & transf.
- **K1632INTROPAK** GEM-P1632 control, GEMK1CA alpha keypad with Stay & Away keys; transformer.
- **K1632PROPAK** GEM-P1632 control, GEM-K3DGTL digital keypad with Stay & Way keys; transformer.
- **K1632RFPK ALPHA KEYPAD/RECEIVER PAK** GEM-P1632 control, GEM-K4RF fixed alpha keypad/receiver and transformer.



Compatible with these standard **Gemini keypads**



GEM-K1CA
4 built-in zones



GEM-K2AS



GEM-K3DGTL



GEM-K4/K4RF
with RF receiver



GEM-RP1CAe2
4 built-in zones



GEM-RP2ASe2



GEM-RP3DGTL



Gemini P3200



NAPCO's Gemini™ **GEM-P3200** a popular, all-around 8 zone hybrid control expandable to 32 zones or 48 wireless points.



Gemini keypads compatible with the GEMP3200

GEMP3200	K1CA	K2AS	K3DGTL	K4RF	K4	RP1CAe2	RP2ASe2	RP3DGTL	RP8LCD	RP8/K800
	•	•	•	•	•	•	•	•		

Gemini™ P3200 zone hybrid control

Control panel features

- 8 End-of-line-resistor burglary zones programmable for area, exit/entry delay, interior, follower, day zone, chime, fire options, sensor watch, swinger shutdown, zone arming and a variety of other features
- Up to 48 points of up to 32 zones with optional zone-expansion modules 4- zone keypad EZMs (built-in)
- Including up to 2 2-wire fire zones
- Up to 32 individually coded users, each with a programmable authority level
- 3 on-board relay outputs, expandable 24 external relay outputs
- 3 keypad panics: fire, police & auxiliary
- 2 independent area partitions
- Up to 7 separate access stations by up to 32 users
- Up to 24 separately-addressable X-10 devices with the GEM-X10KIT
- English-language prompts & system status messages from choice of keypad (8) models
- User-customized zone descriptions, reprogrammable as required
- 2-wire and 4-wire smoke detectors
- Reports alarms, restores and troubles by zone
- 255 event schedule
- 800 event log
- Overview mode permits monitoring and control of total system from one keypad
- 2 programmable entry delay times
- Interior-bypass group
- Dynamic battery test interrupts charging and places battery under load every four hours
- Chime by zone; programmable duration
- Non-volatile RAM retains memory during power losses
- Quickloader™ programmable
- Auto-Download Log
- Exclusive V.A.L.I.D.™ feature (Verifying Automatic Line Integrity Diagnostic) reduces false alarms due to changes in line resistance

Communicator features

- Compatible with all major receiver formats, including BFSK, 4/2, Modem 2, SIA, 4/3/1, 4 + 2 Express and Point ID
- Rotary dial and TouchTone™ with Rotary backup
- 3 20-digit telephone numbers
- Backup reporting, double reporting; split reporting

- 32 User codes with opening/closing reporting by user
- AC failure reporting with programmable report delay
- Supervised telephone line cut with programmable delay
- Pager capability

Specifications

- Operating temperature: 0-49°C (32-120°F)
- Input power: 16.5Vac via Class 2 Plug-In 40VA transformer
- Loop voltage: 10-13Vdc
- Loop current: 2.5mA with 2.2ohm end-of-line resistor (model EOL2.2K); 5mA for 2-wire smoke-detector zones
- Loop resistance: 300W max.; 50W for 2-wire smoke detector zones
- Relay outputs (burglary; reset; aux): wet, 12Vdc, 1.2A max.; dry (cut related jumper for dry contacts), SPDT contacts 24Vdc, 2A, 0: 6 PF
- Auxiliary power output: 12Vdc regulated
- Remote power output: 12Vdc regulated (for keypads)
- 650 mA combined standby current (remote power + aux. power + reset relay power)
- Standby time: residential fire/burglary & commercial burglary, 4 hours min.
- EZM module: GEM-EZM8: Input, 50mA (including PGM output. PGM output: 5mA, 12V special application
- Keypad current: GEM-RP1CAe2: 100mA; 35mA if backlighting is disabled (cut W1, W2 & W3) PGM Output: 5mA, 12V special application
- Maximum number of keypads: 7. Maximum wiring length for each run (#22AWG): 1000' divided by total number of keypads & EZMs on run
- Designer keypad dimensions: 4 3/8" x 5 7/8" x 1 1/6" (HWD); 11.1cm x 14.9cm x 2.7cm (HWD)

Optional Accessories And Peripherals

- GEM-EVA: electronic voice annunciator - unique consumer aid. "Talks" users through system operation
- VERI-PHONE: Two-way voice/listen-in module

- WIZARD IIe: Talking alarm/appliance remote controller works through any touch-tone phone
- GEM-RECV8: Wireless receiver, 8 points
- GEM-RECV16: Wireless receiver, 16 points
- GEM-RECV96: Wireless receiver, 96 points
- GEM-TRANS2: Window/door transmitter, 2-point
- GEM-KEYF: Keyfob transmitter
- GEM-SMK: Wireless smoke detector
- GEM-PIR: Wireless PIR, 50x50'
- GEM-PIRPET
- GEM-RTRANS
- GEM-DT: Wireless Adaptive® Dual Technology sensor, 40x40'
- GEM-GB: Wireless glass break detector
- GEM-WP PANIC: Waterproof panic button/pendant
- RM3008: Relay module
- M278: Line-reversal module
- PS3002: Power-supply module, 13.2Vdc, 1.9A
- EOL130: 2-wire fire zone resistor, 130ohm, 3ohm
- EOL2.2K: End-of-line resistor assembly, 2.2ohm for fire circuit
- FT2200: End-of-line relay/resistor supervisory module
- RB1000: Relay board
- RBAT4: Rechargeable battery, 12Vdc, 4AH
- RBATH1: Dual battery harness
- RPB-3: Universal junction box
- TRF11: Transformer, 16Vac/40VA, Class 2
- WL1: Wire assembly with lug connector
- PCD3000: Downloading software for IBM PC-compatible
- PC12000/3000: Software with interface for IBM-compatible computer
- PCI-MINI: Notebook computer interface
- OI163: Instruction manual
- WI818: Programming manual

ORDERING INFORMATION

- GEM-P3200: Hybrid control panel & transformer
- GEM-P3200M: Mercantile version of above
- GEM-EZM8: 8-zone expansion zone module

Compatible with these standard **Gemini keypads**



GEMK1CA
4 built in zones



GEMK2AS



GEMK3DGTL



GEMK4/K4RF



RP1CAe2
4 built in zones



GEMRP2ASe2



GEMRP3DGTL



333 Bayview Avenue, Amityville, New York 11701 USA • 1-800-645-9445 • www.napcosecurity.com

Gemini, Wizard, Adaptive and EVA are trademarks of Napco.

A401B



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



Gemini keypads compatible with the GEMP9600

GEMP9600	K1CA	K2AS	K3DGTL	K4RF	K4	RP1CAe2	RP2ASe2	RP3DGTL	RP8LCD	RP8/K800
	•	•	•	•	•	•	•	•		



Gemini™ P9600 zone hybrid control

Control panel features

- 8 End-of-line-resistor burglary zones programmable for area, exit/entry delay, interior, follower, day zone, chime, fire option, sensor watch, swinger shutdown, zone arming and a variety of other features
- Up to 96 zones with optional zone-expansion modules and 4-zone keypads
- Including up to 8 2-wire fire zones
- Up to 96 individually coded users, each with a programmable authority level
- Exclusive RS232 panel-port supports PC home automation/ networking integration for 9600 baud comprehensive communications
- 3 On-board relay outputs; expandable to 96
- Three keypad panics: fire, police & auxiliary
- Up to 8 independent area partitions
- Up to 8 separate access stations by up to 96 users
- Up to 64 separately-addressable X-10 devices with the GEM-X10 kit
- English-language prompts & system status messages from choice of keypad models
- User-customized zone descriptions, reprogrammable as required
- Supports 2-wire and 4-wire smoke detectors
- Reports alarms, restores and troubles by zone
- 255 Event schedule
- 800 Event log
- Overview mode permits monitoring and control of total system from one keypad
- Supports up to 4 RF receivers
- Guard-tour programmable for start time, tour length, and check points (tour stations)
- 2 Programmable entry delay times
- 2 Interior-bypass groups
- Dynamic battery test interrupts charging and places battery under load every four hours
- Chime by zone; programmable duration
- Non-volatile RAM retains memory during power losses
- Quickloader™ programmable
- Auto-download log
- Exclusive V.A.L.I.D.™ feature (verifying automatic line integrity diagnostic) reduces false alarms due to changes in line resistance

Communicator Features

- Compatible with all major receiver formats, including BFSK, 4/2, modem 2, SIA, 4/3/1, 4 + 2 express and point ID
- Rotary dial and touchtone™ with rotary backup

- 3 20-Digit telephone numbers
- Backup reporting; double reporting; split reporting
- 96 User codes with opening/closing reporting by user
- AC failure reporting with programmable report delay
- Supervised telephone line cut with programmable delay
- Pager capability
- SIA CP01 compliant versions available

Specifications

- Operating temperature: 0-49°C (32-120°F)
- Input power: 16.5Vac via class 2 plug-in 40VA transformer, supplied
- Loop voltage: 10-13VAC
- Loop current: 2.5mA with 2.2ohm end-of-line resistor (model EOL2.2K); 5mA for 2-wire smoke-detector zones
- Loop resistance: 300W max.; 50W for 2-wire smoke detector zones
- Relay outputs (burglary; reset; aux): wet, 12Vdc, 1.2A max.; Dry (cut related jumper for dry contacts), SPDT contacts 24Vdc, 2A, 0.6 PF
- Auxiliary power output: 12Vdc regulated
- Remote power output: 12Vdc regulated (for keypads)
- 750 mA combined standby current (remote power + aux. power + reset relay power)
- Standby time: residential fire/burglary & commercial burglary, 4 hours minimum
- EZM module: GEM-EZM8: input, 50mA (including PGM output) PGM output: 5mA, 12V special application
- Keypad current: GEM-RP1CAE2: 100mA; 35mA if back lighting is disabled (cut W1, W2 & W3) PGM output: 5mA, 12V special

Application

Maximum number of keypads: 15 maximum wiring length for each run (#22AWG): 1000' divided by total number of keypads & EZMs on run
Keypad dimensions: 4 3/8" x 5 7/8" x 1 1/6" (HWD); 11.1cm x 14.9cm x 2.7cm (HWD)

Optional accessories and peripherals

GEM-EZM8: 8-zone expansion zone module
GEM-EVA: electronic voice annunciator – unique consumer aid "talks" users through system operation
VERI-PHONE: two-way voice/listen-in module
WIZARDII/IIIE: talking alarm/appliance remote

controller works through any touch-tone phone
GEM-REC8: wireless receiver, 8 points
GEM-REC16: wireless receiver, 16 points
GEM-REC96: wireless receiver, 96 points
GEM-RTRANS: Reversed wireless window/door transmitter, 1-point
GEM-TRANS2: window/door transmitter, 2-point
GEM-KEYF: keyfob transmitter
GEM-SMK: wireless smoke detector
GEM-PIR: wireless PIR, 50x50'
GEM-DT: wireless adaptive® dual technology sensor, 40x40'
GEM-GB: wireless glass break detector
GEM-WP PANIC: waterproof panic button/pendant

Home/facilities automation:

GEM-Automation: alarm-to-PC interface for 100% 2-Way intercommunications with a growing number of leading PC automation software packages.
GEM-Developer System Development professional's protocol for custom programming & seamless integration with Gemini RS232 port communications.
GEM-RS232 permanent RS232 panel-port interface
GEM-X10 interface module provides programming & scheduler-integrated x-10 device support.
RM3008: relay module
M278: line-reversal module
PS3002: power-supply module, 13.2Vdc, 1.9A
EOL130: 2-wire fire zone resistor, 130ohm, 3ohm
EOL2.2K: end-of-line resistor assembly, 2.2ohm for fire circuit
FT2200: end-of-line relay/resistor supervisory module
RB1000: relay board
RBAT4: rechargeable battery, 12Vdc, 4AH
RBATH1: dual battery harness
RPB-3: universal junction box
TRF11: transformer, 16Vac/40VA, class 2
W1: wire assembly with lug connector
PCD3008: downloading software for IBM PC compatible
PCI2000/3000: quickloader up/downloading software
PC-MINI: notebook computer interface
StarLink SL-1: Backup wireless receiver for all alarm panel brands (sms network)

ORDERING INFORMATION

- **GEM-P9600:** Hybrid control panel & transformer
- **GEM-P9600M:** Mercantile version of above

Compatible with RP- and K-Series Gemini keypads



GEMK1CA
4 built in zones



GEMK2AS



GEMK3DGTL



GEMK4/K4RF
Built in RF Receiver



RP1CAe2
4 built in zones



GEMRP2ASe2



GEMRP3DGTL



333 Bayview Avenue, Amityville, New York 11701 USA • 1-800-645-9445 • www.napcosecurity.com

Gemini, Wizard, Adaptive StarLink and EVA are trademarks of Napco.

A400B 1/03

NAPCO Product Availability Hotline – Call our Stock-Out Hotline at 1-800-645-9330 Press 1 then 2.

Or email us at hotline@napcosecurity.com

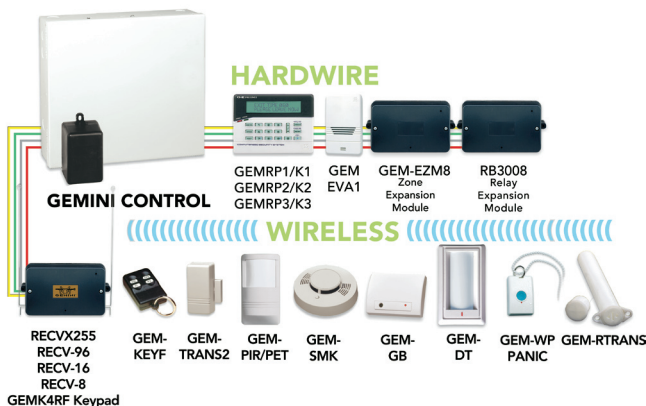


Gemini

X255



Gemini **X255** is the expansive hardwire/wireless control offering **255 fully-programmable zones**, 195 users, **fuseless operations** & supports the full line of top performing Gemini Wireless.



Gemini keypads compatible with the GEMP9600

GEMX255	K1CA	K2AS	K3DGTL	K4RF	K4	RP1CAe2	RP2ASe2	RP3DGTL	RP8LCD	RP8/K800
	●					●				



Manufacturing great security products is all we do. *It's that simple.*TM

Gemini™ X255 zone hybrid control

Control panel features

- 8 to 255 zones, hardwire or wireless zones from GEM EZM8 zone- expansion modules and RP1 4-zone keypads or wireless points using Gemini receivers
- Including up to 8 2-wire fire zones
- Up to 195 individually coded users, each with a programmable authority level
- Exclusive RS232 panel-port supports PC home automation/ networking integration for 9600 baud comprehensive communications
- Fuseless maintenance-free operation
- 8 End-of-line-resistor burglary zones programmable for area, exit/entry delay, interior, follower, day zone, chime, fire option, sensor watch, swinger shutdown, zone anding and a variety of other features
- 3 on-board relay outputs; expandable to 99
- Three keypad panics: fire, police & auxiliary
- Up to 8 independent area partitions
- Up to 8 separate access stations for up to 195 users
- Up to 64 separately-addressable X-10 devices with the GEM-X10KIT
- English-language prompts & system status messages from keypad (GEM-RP1CAe2 installed "with 255 support" only)
- User-customized zone descriptions, reprogrammable as required
- Supports 2-wire and 4-wire smoke detectors
- Reports alarms, restores and troubles by zone
- 255 event schedule
- 800 event log
- Overview mode permits monitoring and control of total system from one keypad
- Supports up to 4 RF receivers
- Guard-tour programmable for start time, tour length, and check points (tour stations)
- 2 programmable entry delay times
- 2 interior-bypass groups
- Dynamic battery test interrupts charging and places battery under load every four hours
- Chime by zone; programmable duration
- Non-volatile RAM retains memory during power losses
- PCD-Windows programmable
- Auto-download log
- Exclusive V.A.L.I.D.™ FEATURE (Verifying Automatic Line Integrity Diagnostic) reduces false alarms due to changes in line resistance

Communicator features

- Compatible with all major receiver formats, including BFSK, 4/2, Modem 2, SIA, 4/3/1, 4 + 2 Express and Point ID
- Rotary dial and TouchTone™ with rotary backup
- 3 20-digit telephone numbers
- Backup reporting; double reporting; split reporting
- 195 User codes with opening/closing reporting by user
- AC failure reporting with programmable report delay
- Supervised telephone line cut with programmable delay
- Pager capability

Specifications

Operating temperature: 0-49°C (32-120°F)
Input power: 16.5Vac via Class 2 Plug-In 40VA Transformer, supplied
Loop voltage: 10-13VAC

Loop current: 2.5mA with 2.2ohm end-of-line resistor (model EOL2.2K); 5mA for 2-wire smoke-detector zones

Loop resistance: 300W max.; 50W for 2-wire smoke detector zones

Relay outputs (burglary; reset; aux): wet, 12Vdc, 1.2A max.; dry (cut related jumper for dry contacts), SPDT contacts 24Vdc, 2A

Auxiliary power output: 12 Vdc regulated
Remote power output: 12Vdc regulated (for keypads) 750 mA combined Standby Current (Remote Power + Aux. Power + Reset Relay Power)

Standby time: Residential fire/burglary & commercial burglary, 4 hours minimum

EZM Module: GEM-EZM8: input, 50mA (including PGM Output) PGM output: 5mA, 12V special application

Keypad current:
 GEM-RP1CAe2, GEM K1CA: 100mA; 35mA if back lighting is disabled (cut W1, W2 & W3) PGM output: 5mA, 12V special application

Maximum number of keypads: 15 maximum wiring length for each run (#22AWG): 1000' divided by total number of keypads & EZMs on run

Keypad Dimensions: 4 3/8" x 5 7/8" x 1 1/6" (HWD); 11.1cm x 14.9cm x 2.7cm (HWD)

Optional accessories and peripherals

GEM-EZM8: 8-Zone expansion zone module (see models labeled "GEM-X255 Support")

VERI-PHONE: Two-way voice/listen in module

GEM-RECV8: Wireless receiver, 8 points

GEM-RECV16: Wireless receiver, 16 points

GEM-RECV96: Wireless receiver, 96 points

GEM-RECV255: Wireless receiver, 255 points*

GEM-RTRANS2: Window/door transmitter, 2-point

GEM-RTRANS: Recessed wireless window/door transmitter, 1-point

GEM-KEYF: Keyfob transmitter

GEM-SMK: Wireless smoke detector

GEM-PIR: Wireless PIR, 50x50'

GEM-PIRPET: Wireless 40 lb. pet immunity PIR

GEM-DT: Wireless Adaptive® Dual Technology sensor, 40x40'

GEM-GB: Wireless glass break detector

GEM-WP PANIC: Waterproof panic button/pendant

GEM-HEAT: Rate of rise heat detector

2 WAYUNIVKFKIT: 2 Way LCD keyfob & receiver

HOME/FACILITIES AUTOMATION:

GEM-RS232KIT: Alarm-to-PC interface for 100% 2-way intercommunications with a growing number of leading PC automation software packages (including, but not limited to, IBM Home Director™, Savoy Cyberhouse™, Crestron, Phast, etc.)

GEM-DEVELOPER: System development professional's protocol for custom programming seamless integration with Gemini RS232 port communications.

GEM-X10 Interface Module:

Provides programming & scheduler-integrated X-10 device support.

RM3008: relay module

M278: Line-reversal module

PS3002: Power-supply module, 13.2Vdc, 1.9A
EOL130: 2-Wire fire zone resistor, 130ohm, 3ohm
EOL2.2K: End-of-line resistor assembly, 2.2ohm for fire circuit

FT2200: EOL relay/resistor supervisory module

RB1000: Relay board

RBAT4: Rechargeable battery, 12Vdc, 4AH

RBATH1: Dual battery harness

RPB-3: Universal junction box

TRF11: Transformer, 16Vac/40VA, Class 2

WL1: Wire assembly with lug connector

*Consult panel documentation for UL restrictions which may apply to UL installations using upwards of 200 wireless-only points

Ordering information

- **GEM-X255:** Super Expandable Hybrid Control Panel & Transformer
- **GEM-RP1CAe2:** 32-Character EZ-Read Backlit LCD Keypad with 4 EOL Zone Expansion Module built-in (See models labeled "GEM-X255 Support"!)
- **GEMK1CA:** Keypad same as above with Stay & Away functions.
- **StarLink SL-1:** Backup wireless receiver for all alarm panel brands
- **NAPCO NETLINK™** Intranet/Internet Alarm Reporting Components (for specs see website, or literature # A482).
- **GeminiAccess™** economically add up to 8 doors of access control to Gemini Panels. Several paks are available (for specs see website, or literature #A481).

Compatible with these standard Gemini keypads



GEMK1CA
4 built in zones



RP1CAe2
4 built in zones



In North America 1-800-645-9445 • 631-842-9400
 333 Bayview Avenue, Amityville, New York 11701 USA • www.napcosecurity.com
International 224 Europa Blvd, Gemini Business Park Warrington WA5 7TN
 England UK 44 (0) 1925242428

Gemini, Wizard, StarLink, Adaptive and EVA are trademarks of Napco.

A446A



Use with the full Gemini crystal-control wireless line, proven in independent tests to outperform top competitive brands.