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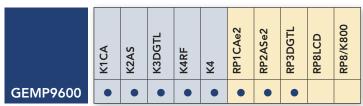
Gemini **P9600** powerful multi-tasking hybrid control panel – **feature-rich** for **security** applications and **home automation** integration.

HARDWIRE

GEMINI CONTROL

GEMRP1/K1
GEMRP2/K2
GEMRP3/K3

GEM EVA1

GEM-EZM8 Zone Expansion Module

RB3008 Relay Expansion Module

WIRELESS

RECVX255
RECV-96
RECV-16
RECV-8
GEMK4RF Keypad

GEM-KEYF
GEM-TRANS2
GEM-PIR/PET
GEM-SMK
GEM-GB
GEM-DT
GEM-WP PANIC
GEM-RTRAN1

EXIT TIME 060
PLEASE LEAVE NOW

Gemini keypads compatible with the GEMP9600

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

Gemini

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 anding 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/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-RTRANS: Recessed 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
WI1: wire assembly with lug connector
PCD3000: 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)

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