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
- K3DGT
- K4RF
- K4
- RP1CAe2
- RP2ASe2
- RP3DGTL
- RP8LCD
- RP8/K800

Manufacturing great security products is all we do. It’s that simple.™
Control panel features

- 8 End-of-line-resistor burglary zones programmable for area, entry/exit 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 panic: 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 download log) reduces false alarms due to changes in line resistance

Communicator Features

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

Gemini™ P9600 zone hybrid control

P9600

- 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
- Supplied 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: max, 5A, 12V special application
- Keypad current: GEM-R1CAE2: 100mA; 35mA if back lighting is disabled (cut W1, W2 & W3) PGM output: max, 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 announcer – unique consumer aid “talks” users through system operation
VERI-PHONE: two-way voice/listen-in module
WIZARDII/E: talking alarm/appliance remote

ORDERING INFORMATION

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

Gemini™ P9600 zone hybrid control

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

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