

V-Cop8 Security Alarm Panel



The V-Cop8 is a full-featured hybrid security system with an advanced technical design making it the perfect security system for the digital age. The system includes eight hardwired zone inputs and supports up to 56 additional zones in any combination of hardwired or

wireless. Its three option bays add a high-level of functionality by providing simple plug-in installation of modules such as the Expansion Transceiver Module, Ethernet Interface Module, and Remote Audio Module.

Features

- Eight on-board hardwired zone inputs
- One 2-wire smoke input, convertible to a standard burglary zone
- Up to 64 wireless or hardwired zones
- Supervised wireless duplex narrowband frequency diversity (319.5MHz & 345MHz) compatible with GE Security and Honeywell sensors
- 26 access codes (24 user codes, 1 duress code, 1 installer code)
- IP reporting, operation and programming using optional Ethernet Interface Module (EIM)
- Line seizure relay, DTMF phone control, line supervision
- 2 programmable siren outputs, 1 relay output
- 2-way voice capability and voice feedback for system status and alarm conditions using optional RAM
- Remote programming capability
- High speed modem provides fast download speeds
- 100-event buffer, time and date stamped

- 20-event alarm log
- Real-time clock, accurate to within 2 seconds per month
- 4 system account numbers
- Compliant with ANSI/SIA CP-01-2007 false alarm standards

End User Features

- Function keys allow single button arming
- On and off premise control of system via touchtone phone
- System voice status and alarm reports to up to four phone numbers.
- Browser-based control of the system using optional EIM
- Reporting of events to email or cell phone
- Latchkey reporting
- Chime mode
- X-10 control using PSC-04 module

Expansion

Expansion Transceiver Module (EXT)

Add wireless capability by adding an EXT for bidirectional wireless communication with wireless devices. The EXT's unique duplex narrow band frequency diversity transmits and receives radio signals on two separate frequencies, providing enhanced reliability when compared to competitive systems. In addition, the EXT can receive signals from wireless sensors made by other leading security system manufacturers.

Ethernet Interface Module (EIM)

The V-Cop8 includes TCP/IP architecture bringing the latest proven digital technology to the security market. The EIM provides the

ability to send alarm signals and upload/download using Internet Protocol (IP). The IP architecture also allows connection to automation systems, email communication to the end-user, and serves up a Web interface allowing the system to be controlled directly from any standard browser. The EIM also allows the security service provider to download new system features remotely without the need for an on-site service call.

Remote Audio Module (RAM)

The Remote Audio Module provides 2-way communication with the central station and voice feedback for system status and alarm conditions. Up to two RAM modules may be connected to the V-Cop8 control panel for alarm verification.

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Hardwire Expansion Module (HWX)

Expand the V-Cop8's capabilities by adding an HWX for eight additional hardwired zones per module. The HWX connects to the control panel via the 4-wire expansion bus and can be mounted in the control panel's enclosure or a separate optional enclosure.

LCD Keypad

The LCD keypad allows the control of all operation and programming of the system. A

built-in annunciator provides alarm and status sounds, and the 2-line,16-character display provides visual feedback. The keypad also supports the connection of an EXT module. The EXT may be used as the system's master transceiver, or it may be used to convert the keypad to wireless/battery operation.

Specifications

Power

- 13.6VDC / SMPS Adaptor
- Battery: 12VDC, 1.2 to 15 aH
- Aux Power: 12VDC, 500mA max.
- V-Cop8 power requirement: 122mA (standby), 220mA (alarm)

Zone Inputs

- Eight hardwired zones: Expandable to 64 in any combination hardwired/wireless.
- 2-Wire smoke loop: Supports up to ten 12VDC smoke detectors.

Outputs

- Siren Output: 12VDC, 500mA
- Speaker Output (with RAM): 2.5 W max, 8 Ohm speaker load
- 2 switched powered outputs: 12VDC, 500mA max.
- 1 SPDT relay (trouble indicator): 1A, 125VAC

Bus Devices

- Up to 15 bus devices in any combination of the following:
 - LCD Keypad: 145mA (alarm), 40mA (standby)
 - Hardwire Expansion Module: 58mA (alarm), 20mA (standby)

Expansion Modules

- External Transceiver Module: 18mA
- Ethernet Interface Module: 130mA
- Remote Audio Module: 8mA

Environmental

- Operating Temperature: 0° to 49° C
- Storage Temperature: -34° to 60° C
- Max. Humidity: 90% relative humidity, noncondensing

Communication Methods

- SIA 110 Baud
- SIA 300 Baud
- Contact ID
- Voice Reporting
- Email reporting (with EIM)
- SIA DC-09 standard IP communication (with EIM)

Enclosure

- Dimensions: 12.0" (high) x 10.2" (wide) x 3.0" (deep)
- Material: Steel
- Mounting: Wall mount
- Color: Gloss white
- Optional Lock Set

Approvals/Listings

- FCC 15
- ACTA 68 Certified
- SIA CP-01 listed
- UL Listings (Pending)
 - UL 1023 listed - Household Burg
 - UL 1635 listed - Digital Communicator
 - UL 985 listed - Household Fire

Part Numbers

STCP-V-Cop8	V-Cop8 Control Panel
STKP-LCD	2x16 LCD Keypad
STPF-EIM	Ethernet Interface Module
STPF-EXT	Expansion Transceiver Module
STPF-HWX	Hardwire Expander Module
STPF-RAM	Remote Audio Module

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