# PASSPOINT

VGM
Vista Gateway Module

The Vista Gateway Module (VGM)

The Vista Gateway Module (VGM) provides an interface between ADEMCO's Vista fire/burglary alarm system and ADEMCO's PassPoint Access Control System.

Cross-funcional user requirements such as card swipe to arm/disarm now become a simple reality. VGM by itself provides a Dialer for your PassPoint system to send Contact ID information to a central station.
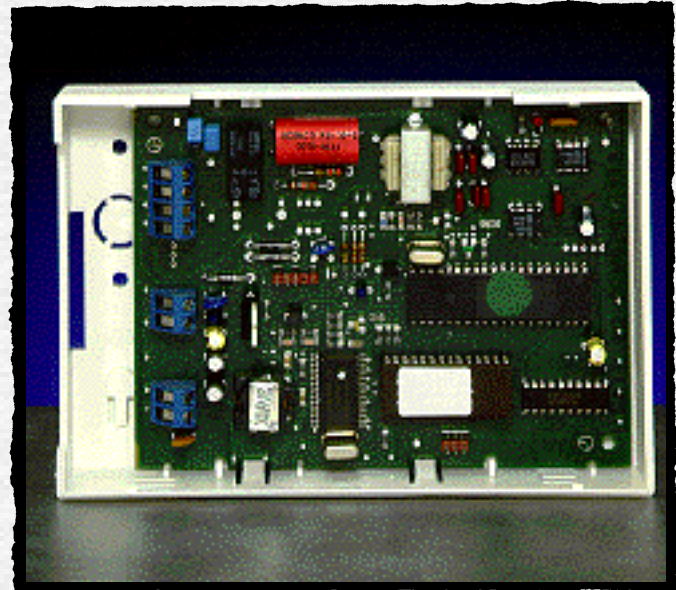
ADEMCO Access Control System, VGM Vista Gateway Module.

Features:

- ◆ 8 bit microprocessor.
- ◆ EEPROM based configuration storage.
- ◆ Echelon Network interface implemented with an Echelon transceiver.
- ◆ An ADEMCO Expanded Console Protocol (ECP) port consisting of a four wire interconnect: power, ground, data transmit, and data receive.
- ◆ An ADEMCO Contact ID Dialer interface uses the ADEMCO Contact ID report format to communicate with a central station.

- ◆ VGM allows existing central station automation equipment to accept and recognize access control related events and differentiate them from burglar and fire alarm activities.
- ◆ VGM accepts power from both Vista panels and PassPoint systems so that in the event of a power loss on either system, the other can operate the VGM unit.

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Applications:

Once the appropriate configuration information has been transferred from the PassPoint's, Main Logic Board (MLB) to the VGM, the VGM passes the messages as indicated by the configuration from the MLB to the Vista and from the Vista to the MLB. It keeps a copy of its configuration in a small on board serial EEPROM.

Installation:

The VGM obtains its power from the LOCAL power output connection of its associated Access Control System Power Supply (ACS PS) when mounted in a cabinet with a dedicated ACS PS. When mounted in a cabinet along with an MLB or the PassPoint Door Control Module (DCM), it obtains its power from the ACS PS REMOTE power output. The VGM requires 10.5-14V DC @ 100mA. The VGM can also connect to a Vista keypad power source.

Specifications:

The VGM communicates with its MLB via a twisted pair network connection. Physically, this connection adheres to Echelon Free-Topology Transceiver specifications (Transformer-Coupled, Differential-Pair, 78Kbps). Logically, the connection is made through the use of the Echelon Lonworks Protocol. Each VGM connected to the network is considered a "node" and is identified by a unique 48-bit serial number which is present in the VGM's Neuron chip.

Ordering Information:

Part No.	Description
PTVGM	Vista Gateway Module

ADEMCO GROUP
COMMERCIAL SYSTEMS DIVISION