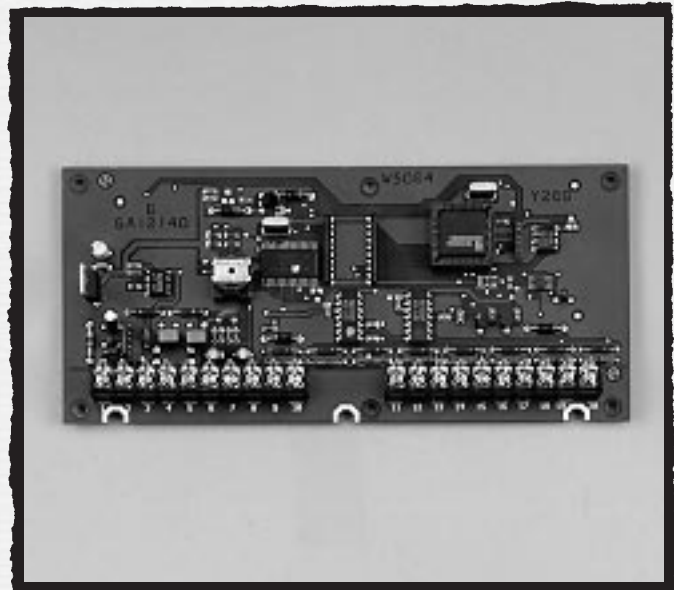


ZIM Zone Input Module

The Zone Input Module (ZIM)

The Zone Input Module (ZIM) allows for additional inputs into the PassPoint Access Control System. It provides locations for eight individual zone input points. Each zone point is capable of accepting either a 3 or 4 state supervised configuration. If desired, it can also accept an alternate unsupervised style, 2 state configuration. Use ZIM to: monitor zones, accept relay signals from foreign systems or initiate functions by changing zone inputs...and many more functions.



ADEMCO Access Control System, ZIM Zone Input Module.

Key Features:

- ◆ 8 bit microprocessor.
- ◆ EEPROM based configuration storage.
- ◆ Echelon Network interface implemented with an Echelon transceiver.
- ◆ Eight 2-state, 3-state or 4-state zone inputs (3 or 4 state zones require termination resistors of 2K ohms).
- ◆ Wire standards are flexible - Wiring is specified by total loop resistance instead of wire gauge. Shielded wire is not required.
- ◆ Power supply monitor inputs for AC loss and low battery detection.
- ◆ All terminal blocks accept push-on terminal strips.



ZIM

Zone Input Module

APPLICATIONS:

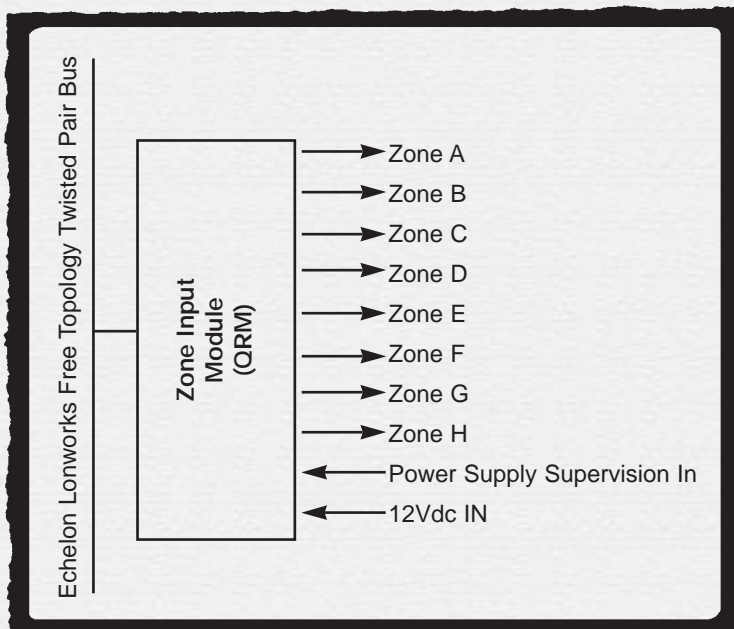
Once the appropriate configuration information has been transferred from the MLB to the ZIM, the ZIM monitors its zones according to its own stored configuration information and then it sends information about changes of state to the MLB. It keeps a copy of its configuration in an on board EEPROM. These zones will be under direct control of the MLB and can never be committed to an Access Point.

INSTALLATION:

The ZIM 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 ZIM connected to the network is considered a "node" and is identified by a unique 48-bit serial number which is present in the ZIM's neuron chip.

SPECIFICATIONS:

The ZIM obtains its power from the LOCAL power output connection of its associated Access Control System Power Supply when mounted in a cabinet with a dedicated ACS PS. When mounted in a cabinet along with an MLB or DCM, it obtains its power from the ACS PS REMOTE power output. The ZIM requires 10.5-14V DC @ 100mA. The ZIM also provides two power supply monitoring inputs, one is for low battery and the other is for AC loss. These two inputs are compatible with the corresponding monitoring outputs of the Access Control System Power Supply.



Ordering Information:

<u>Part No.</u>	<u>Description</u>
PTZIM	Zone Input Module