PowerG 2-Way Wireless Transceiver
HSM2HOST8

Features That Make a Difference:

- Supports 2-way PowerG devices.
- Multichannel, Frequency Hopping
- Spread Spectrum technology – to overcome frequency blocking and interference.
- Adaptive Transmission Power – for battery life preservation.
- High transmission ranges – for reliable communication within up to 2km/2187 yard line-of-sight.
- TDMA synchronized communication technology – to prevent message collisions.
- 128 bit AES encryption – high level protection against analysis tools and digital attacks.
- Case/Wall tamper.
- Status LEDs.
- Compatible with all Visonic PowerSeries Neo control panels.
- Available in 868 MHz
- RF Jamming supervision.

The Power of PowerG:

The power behind Power Series Neo lies in various innovative technologies, including the revolutionary PowerG, which, bundled together, provide a robust and feature-rich platform designed to reduce operational costs for dealers and provide ultimate reliability for end-users.

- Multichannel, Frequency Hopping Spread Spectrum technology enables the system to hop between wireless frequency channels to ensure the seamless transmission of secure communications between the devices and the control panel.

- Adaptive Transmission Power translates into up to eight years of battery life for the system's devices and peripherals, reducing battery replacement-incurred costs.

- High transmission ranges allow for devices to reliably communicate within up to 2km/1.24 miles line-of-sight, therefore reducing the cost of installing additional repeaters to service larger premises.

- TDMA synchronized communication technology prevents messages from colliding by splitting channels into various time slots, allowing for an increased amount of data transmission and ensuring that devices are able to consistently communicate when needed.

- 128 bit AES encryption offers an exceptionally high level of protection against analysis tools and digital attacks.

HSM2HOST8 PowerG Transceiver Module

- The HSM2HOST8 is a wireless zone expander for additional PowerG sensors.

- One unit can be enrolled per system with up to 8 wireless repeaters RP-600 PG2.

- Front and rear tampers available.

- Fully encrypted communications on Corbus.

- Can be wired up to 1000' (305M) from main panel

Specifications:

Ordering Information:

HSM2HOST8 .... Wireless PowerG Transceiver 868 MHZ

Dimensions:.. 161 x 161 x 50 mm
(6 11/32" x6 11/32" x 1 31/32")

Board Current Draw: ....60 mA (Max)

Voltage:..12 VDC Nominal

Operating Environment: ......-10°C to 55°C (14°F to 131°F)

Relative Humidity: .... 5 to 93%

Approvals

CE, EN, VSO, ICASA, NCP, INCERT, FG, FP

Compatibility

The HSM2HOST8 is compatible with all Visonic PowerSeries Neo control panels

Contact Visonic for further information:
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