DSC

From Tyco Security Products

iotega
Safer, Smarter Living
WS900x & WS901x

Features That Make a Difference:

- Wireless panel with table top installation
- Multiple security and home automation devices supported
- PowerG – Fully encrypted and reliable wireless security system - End to End 128-Bit AES Encryption
- 99 user codes available – including Master Code
- Compatible with Alarm.com
  - Remote control and management of panel, devices and peripherals
  - Remote diagnostic and firmware upgrades
- Local firmware update App
- Multiple pathways of communication:
  - Ethernet, WiFi, cellular (LTE or 3G) upgrade available*
  - Dual path communication
- Z-Wave Plus – 500 series
- Smooth-touch keypad for main security functions:
  - Arm/disarm the system
  - View system status
  - Activate Fire, Medical, Panic keys
- Capacitive touch keypad illuminates when it detects nearby user
- WiFi 802.11b/g/n, 2.4Ghz
  - Client mode
  - Access point (private network)
- Built-in siren activates upon event trigger
- Adjustable buzzer
- End-user accessible SIM card slot
- End-user replaceable battery
- Compact and sleek design

Select models only

WORKS WITH
ALARM.COM®

iotega is the next generation, all-in-one smart security and home automation platform for residential and small commercial properties. It provides your customers with the security they already know and trust, along with the freedom to add smart home devices, according to their preferences.

With iotega, you can generate revenue by providing your customers with the flexibility to start with a security-only package, and the scalability to upgrade to a full security and home automation solution. Customers get the peace-of-mind of easily monitoring their home or business remotely, regardless of how tech-savvy they are. Plus, you'll save time and money, with installations made simple using the latest innovations in wireless networking technology.

Secure

Based on built-in PowerG technology, iotega is a fully encrypted panel that takes smart homes and businesses to a new level of security, while reducing operational costs for dealers. It provides superior reliability with endto- end 128-bit AES encryption and includes multiple advanced security features, such as a proximity sensor, built-in siren, 2-way voice*, and 99 user codes.

PowerG technology completely addresses the key requirements for wireless security systems, including reliability, performance, privacy, vulnerability, usability and maintenance. With multi-channel Frequency Hopping Spread Spectrum technology, which overcomes frequency blocking and interference, TDMA synchronized communication for preventing messaging collisions, and high transmission ranges, PowerG enables reliable communication up to 1.24 mi/2 km line-of-sight. Adaptive transmission power preserves battery life.

iotega is compatible with Alarm.com for best-in-class home control and monitoring services, and it supports users' favorite connected home devices, including standard lights, thermostats, power sockets, door locks, and more. Users can choose the level of engagement and control they desire, ranging from local notifications and keypad activation, to full remote control via cloud-based intelligence and mobile apps.

To meet customers' needs for flexible communication methods, iotega offers multiple back-up communication paths that ensure high-speed, reliable and secure alarm communications, with a changeable cell communicator*. This also allows advanced services, such as visual alarm verification, that boost security and convenience for home and business owners, and create RMR opportunities for security professionals.

Simple

iotega is quickly installed and configured via a step-by-step installer-friendly portal. Configuration of devices, system diagnostics, and upgrades can all be handled remotely, reducing truck rolls and enabling cost-effective, yet responsive customer service. With an easy-to-use capacitive touch keypad, and a user-replaceable battery, ongoing end-user support and maintenance is minimized.

As an intelligent full-premises management solution, iotega enables end-users to lock doors, adjust temperature at the property, switch on/off lights and power sockets, and more. All actions can be implemented according to user-set triggers and schedules or on-demand, with traditional simple activation or via mobile cloud access and control.

Scalable

With the demand for all-in-one smart home and business automation growing, end-users need a solution that meets their needs. As a modular solution, iotega easily scales to accommodate the full range of home and business lifestyle demands; allowing customers to start with the basics of security only and evolve to full-premises automation with many popular security and home automation devices supported.

iotega supports multiple wired and wireless communication protocols, including Ethernet, WiFi, Z-Wave, and cellular (3G and LTE**), providing end-users with flexible options for their home automation network.

Compatibility

PowerG Technology

Intrusion Sensors:

- PIR Motion Detector with Camera PGX934/PGX934P
- PIR Motion Detector PG9914
- Curtain PIR Motion Detector PGX924
- Door/Window Contact PGX975
- Door/Window Contact with Auxiliary Input PGX945
- Mirror Optic PIR Motion Detector PGX974/PGX974P
- Dual Technology (PIR & MW) Motion Detector PGX984/PGX984P
- Outdoor PIR Motion Detector PGX994
- Shock Detector PGX935
- Glass Break Detector PGX912/PGX922
- Outdoor PIR Motion Detector with Integrated Camera PGx944

Safety Sensors:

- Smoke Detector PGX926
- Smoke and Heat Detector PGX916
- Carbon Monoxide Detector PGX913
- Temperature Detector PGX905
- Flood Detector PGX985

Keypads, Arming Devices & Panic Buttons:

- 1-Button Security Panic Keyfob PGX938
- 2-Button Security Panic Keyfob PGX949
- 4-Button Security Panic Keyfob PGX929/PGX939
- Arming Station (wire-free) WS9LCDWFX
- WiFi Touchscreen Keypad WS9TCHW

Sirens & Repeaters:

- Indoor Siren PGX901
- Outdoor Siren PGX911
- Repeater PGX920

The iotega is compatible with selected Alarm.com home automation devices.

Specifications

Dimensions (W X H X D) ....5.70 x 5.10 x 1.49 in
144.8 x 129.5 x 37.8 mm

Internal Sounder .... 85dB at 3 ft

Sounder Cadences.............................. Steady, Pulsed, Temporal, Flood, CO (Carbon Monoxide)

Memory Type...Embedded flash memory for programming and data retention

AC Adapter ....Wall plug-in with barrel jack connector
Primary: 90 VAC – 264 VAC, 0.35A
Secondary: Regulated 12V DC, 1.16A, 47 – 63 Hz

Backup Battery..7.4V (24 hours) Lithium, 4.5 Ah (4 hours) and 1 Ah options available

PowerG Frequency......................433 MHz / 868 MHz / 915 MHz

Current Draw ....Average 200 mA at 12V DC (while not charging backup battery)

Temperature Range .... 0°C to 49°C (32°F to 120°F)

Relative Humidity.. 85%

Approvals

FCC/IC, UL/ULC, SIA CP-01, CE, CSFM

Note: Please refer to www.dsc.com for the most current approval listings.