



# PowerMax<sup>+</sup>

For secured, integrated and interactive homes

Wireless

PowerMax<sup>+</sup>

Wireless

Reliable

Freedom to relax

The ultimate secured, integrated interactive home

- Plug and Protect™ - effortless installation
- Camera connectivity enables real time viewing
- Accessible from anywhere through Internet, mobile or telephone
- Field proven reliability
- GSM communication / IP connectivity

Efficient

Flexible



**Visonic**<sup>®</sup>

For a secure way of life

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We envision a world where all individuals enjoy personal and property security at home and at work, and the freedom to choose their own lifestyle.

With hundreds of thousands of wireless installations worldwide, Visonic is at the forefront of wireless security and home management. Founded in 1972, Visonic has been setting the industry standard with innovative wireless solutions.

Visonic products have won the esteem of industry, because they truly work. No promises in the air, just dependable, reliable, durable products that do the job.

Visonic is committed to providing ground-breaking wireless solutions that improve quality of life. This is demonstrated by an exceptionally high R&D investment which generates advanced patented technologies and reliable high performance systems, challenging the entire market, time and again.

**Visonic's Wireless Solutions are:**

**Efficient** - significantly reducing the cost and time of installation.

**Flexible** - allowing for system upgrade and expansion, when needs change or new components become available.

**Aesthetic** - unobtrusive installation leaves décor unharmed; contemporary design blends nicely in the home.

**Reliable** - delivering industry's best detection accuracy, sensitivity and false alarm immunity, along with a responsive, worldwide customer support network.

Visonic's wireless solution delivers the ultimate freedom: freedom to see with camera connectivity; freedom of location with absolute remote accessibility and control; freedom to relax; and the most important freedom of all - the freedom to take care of what is really important in life.

active home

red, integrated interactive home  
ough in home security,  
management

ed interactive home

security, The ultimate secured, integrated interactive home

A breeze to install, home security

### **Absolute Freedom. Introducing PowerMax Plus™.**

Today's homeowners want much more than a security system - they want their system to alert them in case of burglary, fire and flood as well as medical emergencies of "at risk" loved ones - anywhere they are, at home or away. But that's just the beginning. They want camera connectivity to view their front doors, and children's rooms. They want the ability to turn their electrical appliances on and off by telephone. Some of them even want control of their property through Internet access or SMS messaging.

Visonic's PowerMaxPlus can deliver any or all of the above!

### **Freedom from complicated installation - Plug and Protect™.**

The PowerMax+™ wireless system is ready to install right out of the box. Eliminating cabling work, even to the wireless external siren, installation can be completed in less than two hours. Just plug and protect. Intuitive programming supported by voice prompts allows for easy set-up and detector enrolling. For your customers, installation is a hassle-free experience. So quick, it won't disrupt their schedule, and with no plaster or paint damage, walls and décor are left unharmed.

### **Freedom to see - camera connectivity.**

Finally, users can actually see what is happening on their property. Miniature cameras in strategic locations can be accessed through a secure Internet connection. Parents can watch children as they arrive and check that they closed the front door. Homeowners can see if someone is tampering with their valuables. And most importantly, when responding to an alert, owners can observe the event and store selected images.

personal and property

## PowerMax+

Life secured, integrated interactive home  
A breakthrough in home security  
safety and management  
Freedom to relax



### **Freedom to relax - industry's best detection reliability, sensitivity and false alarm immunity.**

PowerMax+™ delivers the highest level of advanced wireless security, with the built-in reliability that forms the core of Visonic's reputation.

- Secures premises with advanced motion sensors, door/window magnetic contacts and glass break detectors.
- Patented Pet Tolerant intelligent PIR detectors, can reliably distinguish between a human and an animal weighing up to 38 kg (85 lb), so pets can roam freely throughout the home.
- Patented True Motion Recognition™ technology, provides excellent false alarm immunity together with the industry's best catch performance.
- Advanced jamming detection ensures immediate reporting of system jamming, in compliance with the highest industry standards.
- **Improved!** - Special zones dedicated to safety related peripherals, such as gas, flood and smoke sensors. Sends an alert regarding an event and initiates a predefined response sequence.
- With the PowerMax+™ PowerLink, the user can view strategic areas such as the entrance in an attempt to distinguish between false alarms and actual burglaries.

**PowerMax+™ is the perfect security solution for homes, apartments, and condominiums.**

personal and property security

PowerMax+



Freedom of movement

Flexible

Freedom to relax

### Freedom to be comfortable - affordable home automation.

Automating daily household tasks, **PowerMax+**™ frees the homeowner to take care of the things that are really important in life, while actually saving money.

**PowerMax+**™ controls lights and appliances by schedule, by event or with the press of a button using X-10 power line carrier technology. Upgraded to include light and appliance monitoring (two-way X-10) and dimming & brightening of lighting fixtures, the **PowerMax+**™ is a powerful tool for energy management. Energy conservation has become a critical issue around the world, with prices soaring and the depletion of international resources. More than merely a convenience, home automation allows for smart management of energy usage, and of a family's energy budget.

Automated routines can be prescheduled or triggered at the touch of a button or a phone call. When a resident returns home, he presses one button and the system can be programmed to simultaneously open the garage door, turn on the external lights and disarm the alarm system, while turning on the TV and the water heater. Users create the automated routine that suits their individual lifestyles. During emergencies such as fire, the system will not only send an alert but can also activate ventilation and lights in order to clear smoke and illuminate hallways to help family members find their way out.

**PowerMax+**™ harnesses modern technology to the benefit of the homeowner making life comfortable, more pleasant and less expensive.

#### PowerMax+™ manages:

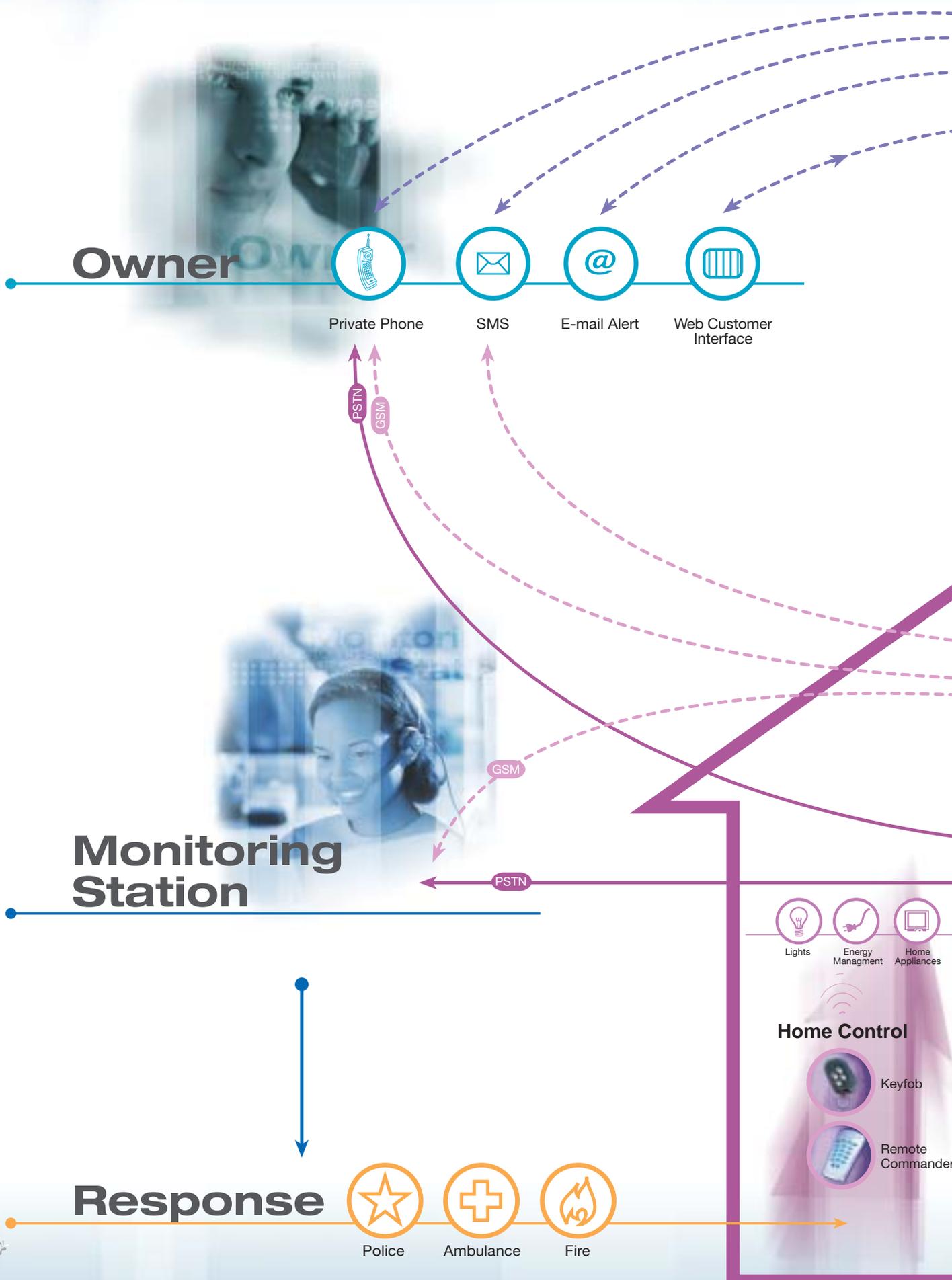
- » Lighting
- » Entertainment Centers
- » Heating and Cooling Systems
- » Irrigation Systems
- » Household Appliances

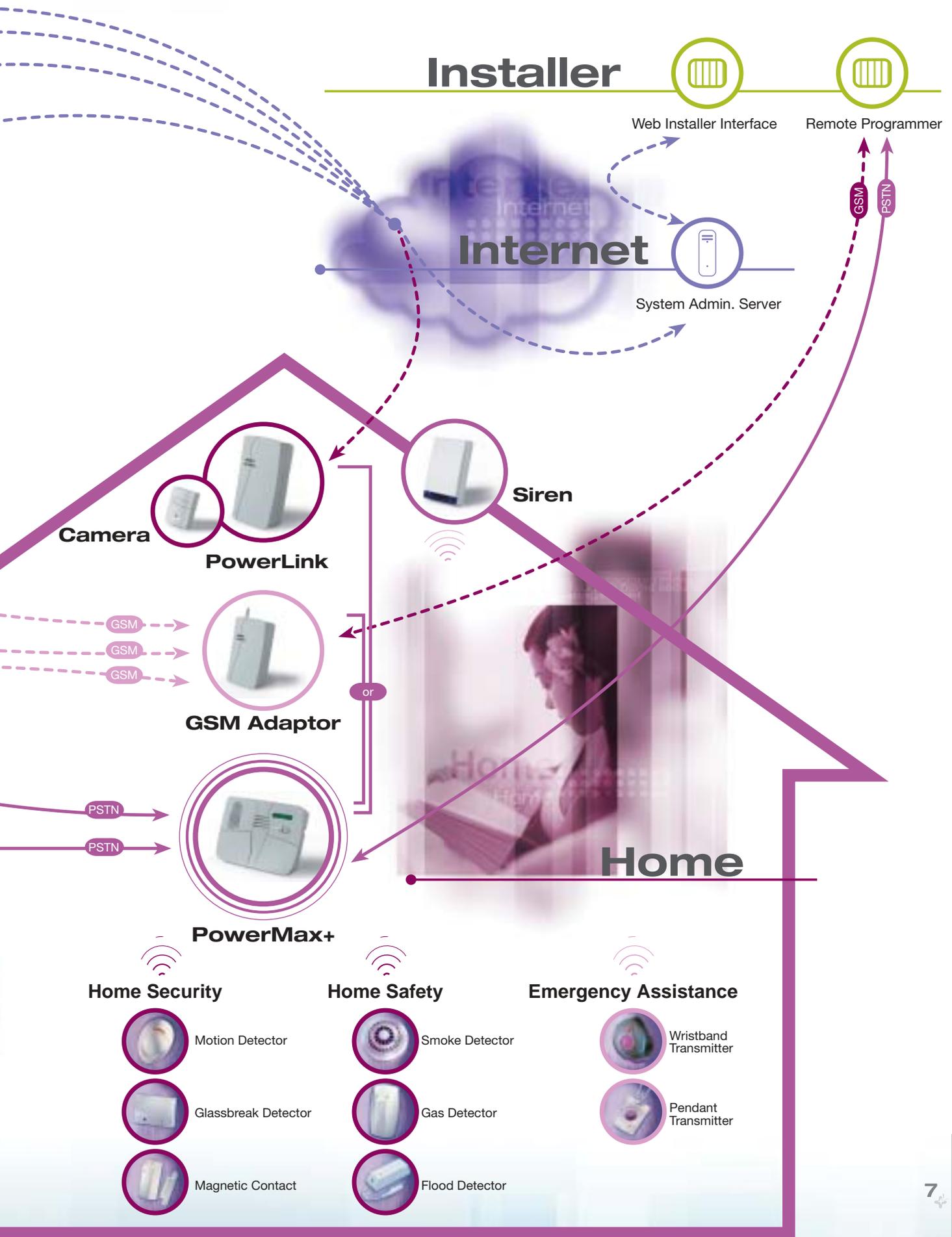
#### Create your own PowerMax+™ OEM / Private label

*Your brand, our product, expertise, reliability and quality*

Ready for delivery as an OEM solution, the **PowerMax+**™ can be supplied with a variety of customizations. The product can be modified with name and logo or with an adapted exterior.

# PowerMax+™ - The ultimate secured, integrated,





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## **Freedom of location - absolute remote accessibility and control.**

**PowerMax+™** offers the most versatile, off premises access performance available. Owners can choose to interact with the **PowerMax+™** through a secure, user-friendly web application, e-mail, SMS message, mobile or regular phone.

The system provides:

- Event notification, alerting the owner and/or the central station
- Off premises control of lights, appliances and alarm
- Latchkey mode informs parents of a child's arrival to the home
- Family message center enables standard and remote voice recording / playback
- Remote initiation of Hands-Free 2-way voice communication (Full Duplex simultaneous talk/listen)

Freedom of location also means remote administration and servicing, with easy upload and download capabilities and high speed programming.

## **Freedom to choose - flexible, modular and comprehensive solution.**

**PowerMax+™** solution is modular, allowing for selection and addition of devices and detectors at any time. When needs change or new components become available, **PowerMax+™** can be easily expanded.

### **Standards and compliances**

**PowerMax+™** meets the standards of most countries around the world.  
Including: (CE/RTTE), EN300 220-1&3, EN 301 489-1&3, EN60950, EN50131-1, EN-50130-4, EN 50130-5, BS-6799 Class VI and DD-243:2002.  
SIA false alarm prevention recommendation  
UL 985, UL 1023, UL1635, FCC part 15 and part 68, TBR-21

Available in the following frequencies- 315, 433.92, 426.4875, 868.95, 869.2625 MHz



## **PowerMax+™ PowerLink** **Internet Connectivity and Remote Visual Supervision**

With the **PowerMax+™ PowerLink**, users can take advantage of the full functionality of the system online, from anywhere in the world. Using a simple web application and a secure connection they can:

- ▶ Monitor their home remotely and easily via secure web access.
- ▶ Change preset defaults and system configuration easily.
- ▶ Manage security system, lighting, heating/cooling and home appliances.
- ▶ Enjoy real time viewing of premises in order to monitor kids, elderly loved ones or pets.
- ▶ Confirm/reject an alarm (burglary, fire, etc.) and store selected images.

The **PowerMax+™ PowerLink** features:

- ▶ A communication adaptor which manages web connectivity and IP communication.
- ▶ Integrated web server application that handles end user interface and system administration needs.
- ▶ Each unit supports up to four wired or wireless cameras.



## **PowerMax+™ GSM Adaptor**

*Insures communication backup when the telephone line has been disabled*

A must have solution for any property without a land-based telephone line such as anchored boats or remote weekend houses, the **PowerMax+™ GSM Adaptor** is also recommended for every home as a backup communication line in case of line failure or system sabotage.

- ▶ Recommended as backup in case of line failure.
- ▶ Event reporting and remote operation through Short Message System (SMS).
- ▶ Full support of two way voice communication.
- ▶ Can be installed in a concealed or remote location, ensuring signaling in the event of system tampering.



PowerMax+  
Home automation

Freedom

# Visonic Wireless PowerCode™ Devices

Visonic Wireless PowerCode™ Devices

## Wireless Detectors

### NEXT MCW Digital Motion Detectors

*Sleek design that can't be matched*



- ▶▶ 12m (40 ft) 90° multiple curtain coverage
- ▶▶ Sophisticated frequency domain digital signal processing
- ▶▶ Adjustment-free installation
- ▶▶ Sealed optics
- ▶▶ 3 Volt long life standard Lithium battery

**NEXT PIR MCW** General purpose digital wireless PIR

**NEXT K9-85 MCW** Pet-immune (38kg / 85lb) digital wireless PIR

### MCT-550, Flood Detector

*An essential component in residential hazards control*



- ▶▶ Detects water at ground level, particularly suited for flooding detection in basements
- ▶▶ 3 Volt long life standard Lithium battery

### MCT-501, Glassbreak Detector

*Advanced glassbreak detector*



- ▶▶ Omni-directional acoustic sensor with 360° coverage
- ▶▶ Outstanding performance for plate, tempered, laminated & wired glass types
- ▶▶ 3 Volt long life standard Lithium battery

### Discovery MCW Motion Detectors

*For the harshest and most demanding environments*



- ▶▶ Coverage
  - ▶ For PIR & Quad: 15m (50 ft) 90° multiple beam coverage
  - ▶ For K9-80: 12m (40 ft) 90° multiple curtain coverage
- ▶▶ "True Motion Recognition" algorithm and programmable alarm event verification provide ultimate reliability
- ▶▶ Sealed optics
- ▶▶ 3 Volt long life standard Lithium battery

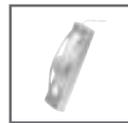
**Discovery PIR MCW** General purpose

**Discovery K9-80 MCW** Pet-immune (36kg / 80lb)

**Discovery Quad MCW** Quad detector for extra stability in harsh environments

### SPD-1000, Displacement Detector

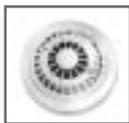
*Designed for protection of individual art works*



- ▶▶ Discreet, miniature low-profile design for easily concealed protection.
- ▶▶ Superior displacement sensitivity (better than 0.1 mm)
- ▶▶ Selectable alarm levels indicating the severity of the event
- ▶▶ 3 Volt long life standard Lithium battery

### MCT-425, Smoke Detector

*Advanced photoelectric smoke detector*



- ▶▶ BS approved, complies with EN standards
- ▶▶ Loud 85 dB internal sounder
- ▶▶ Tamper switch and test button
- ▶▶ 9 Volts Alkaline or Lithium battery operation

### MCS-700, External Wireless Siren

*Eliminates siren related cabling work*



- ▶▶ 98 db Piezo siren and Strobe light
- ▶▶ Two-way communications, for local & remote diagnostics
- ▶▶ Alarm, fire and arm/disarm tones
- ▶▶ Plug in power supply with NiMH rechargeable backup battery
- ▶▶ Tri-state tamper switch

## Portable Transmitters

### MCT-234, Wireless Keyfob Transmitter

*Designed for quick arming/disarming of the system*



- ▶▶ Four function keyfob
- ▶▶ Equipped with anti code grabbing technology (rolling code)
- ▶▶ Visible and transmitted low battery indication

### Handheld Portable Transmitters

*Designed for emergency and home control applications*



- ▶▶ 3 Volt long life standard Lithium battery
- ▶▶ Metal belt clip for convenient use (supplied)



**MCT-101** 1 button (Channel)  
**MCT-102** 2 buttons (Channels)  
**MCT-104** 4 buttons (Channels)



### MCT-201WP, Pendant-style Transmitter

*Personal emergency signaling aid*



- ▶▶ Waterproof
- ▶▶ Visible and transmitted low battery indication
- ▶▶ 3 Volt long life standard Lithium battery

### MCT-241, Pendant-style Transmitter

*Personal emergency signaling aid*



- ▶▶ Fully waterproof factory-sealed model
- ▶▶ Visible and transmitted low battery indication
- ▶▶ 3 Volt long life standard Lithium battery
- ▶▶ Belt clip for convenient use (supplied)

### MCT-211, Wristband Transmitter

*Personal emergency signaling aid*



- ▶▶ Waterproof
- ▶▶ Visible and transmitted low battery indications
- ▶▶ 3 Volt long life standard Lithium battery

## Door/Window Transmitters

### MCT-302, Door/Window Transmitter

*One of the smallest magnetic contact transmitters*



- ▶▶ Auxiliary hard-wired input
- ▶▶ Back tamper switch detects removal from place (model MCT-302T)
- ▶▶ 3 Volt long life standard Lithium battery

### MCT-100, Universal Wireless Transmitter

*Converts signals from hardwired devices to supervised PowerCode transmission*



- ▶▶ Two inputs with individual ID code on each input.
- ▶▶ User-selectable operation of each input as NC (normally closed loop), or EOL (end-of-line loop with NC or NO sensors)
- ▶▶ 3 Volt long life standard Lithium battery

## Remote Keypads

### MCM-140, Remote Commander

*Designed for convenient remote operation of key tasks performed by PowerMax+*



- ▶▶ Attractive modern ergonomic design, with wall mounting option
- ▶▶ Back light button illumination
- ▶▶ 3 Volt long life standard Lithium battery

## Repeaters

### MCX-600, Wireless Repeater

*Extends communication range of PowerCode™ based systems*



- ▶▶ Designed to relay digital data between wireless PowerCode transmitters and the control panel
- ▶▶ Up to 16 Repeaters can be used in a system
- ▶▶ 9-Volt Nickel Cadmium rechargeable backup battery

personal and property security  
**PowerMax+**



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**Visonic®**  
*For a secure way of life*