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# GX-Cubic1 Smart Care Medical Alarm Solution

Caring for Your Health and Personal Safety

IP 4G F1 2km WiFi Bluetooth zigbee zWAVE Google Home



## An Advanced Smart Telecare Solution with Voice Control

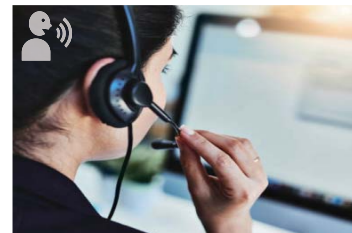
Rapid aging population, high healthcare costs, and physician shortages are creating an increasing demand for care at home, especially for seniors with long-term health conditions. GX Smart Care Medical Alarm is an all-in-one wellness, and personal safety medical alarm solution, bridging medical health monitoring and emergency alarm to keep seniors safe in their own homes.

GX is compatible with Bluetooth® medical devices, like blood glucose/blood pressure monitors, pulse oximeters...etc, to track medical data and remote monitoring directly from caregivers/physicians; and also has telecare alarm features, including voice recognition, emergency monitoring, Inactivity monitoring, voice control, and home automation capabilities to assist seniors to have a more secure, healthy living.



### Bluetooth® Medical Device Pairing

GX is compatible with Bluetooth Medical devices, like blood pressure/blood glucose monitors, pulse oximeters, thermometers...etc, to track health and medical data and allow caregiver/physicians to remote monitor and provide treatment as needed.



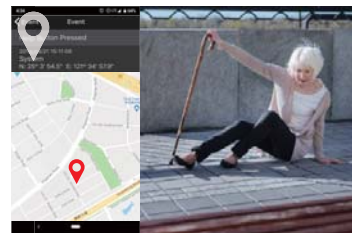
### Voice Recognition

GX has built-in voice recognition and can activate an emergency call to CMS by preset vocal commands or keywords. Allowing seniors to receive emergency attention even in situations where they are unable to seek help manually.



### Smart Home Automation

ZigBee, Z-Wave, and/or Bluetooth automation devices incorporated into GX creates a smarter and safer home, by auto turning on hallway lights at night to decrease chance of a fall; or auto turn on the AC/heater if there's a sudden temperature drop.



### Location Tracking

GX can be paired with BRPD-1 Bluetooth pendant, a small wearable panic button that partners with a smartphone application for GPS location reporting and trigger help alarm with one button press, whether the user is at home or out for a walk.

## Connected for Healthier, Secure Living



### Voice Control

GX is compatible with Google Home voice control to seek help during emergencies, and control home electronic devices.



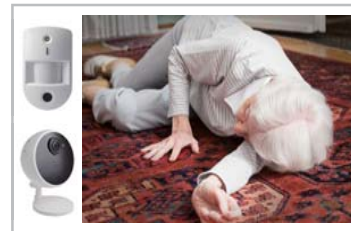
### DAB Radio & Color Lighting Function

GX has built-in DAB Radio function with control buttons for seniors to easily change channels and volume. GX also has LED nightlight featuring both multicolor adjustment and light level button control for pleasant ambiance.



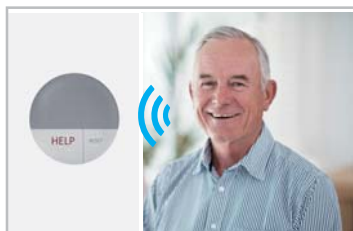
### Pivotell® Advance Automatic Pill Dispenser

GX is compatible with Pivotell® Advance Automatic Pill Dispenser, keeping secure of all pills, remind users to take their medication, keep track of their medicine intake, and allow caregiver/physician to monitor pill taking results/record and keep an eye on user's needs.



### Visual Monitoring and Verification

GX can integrate Camera PIR Motion Sensors to deliver real-time visual monitoring and verification. When an emergency occurs, alerts are immediately sent to family members, and Monitoring Center to verify the event and sending immediate assistance as needed.



### Voice over Internet Protocol (VoIP) & DECT

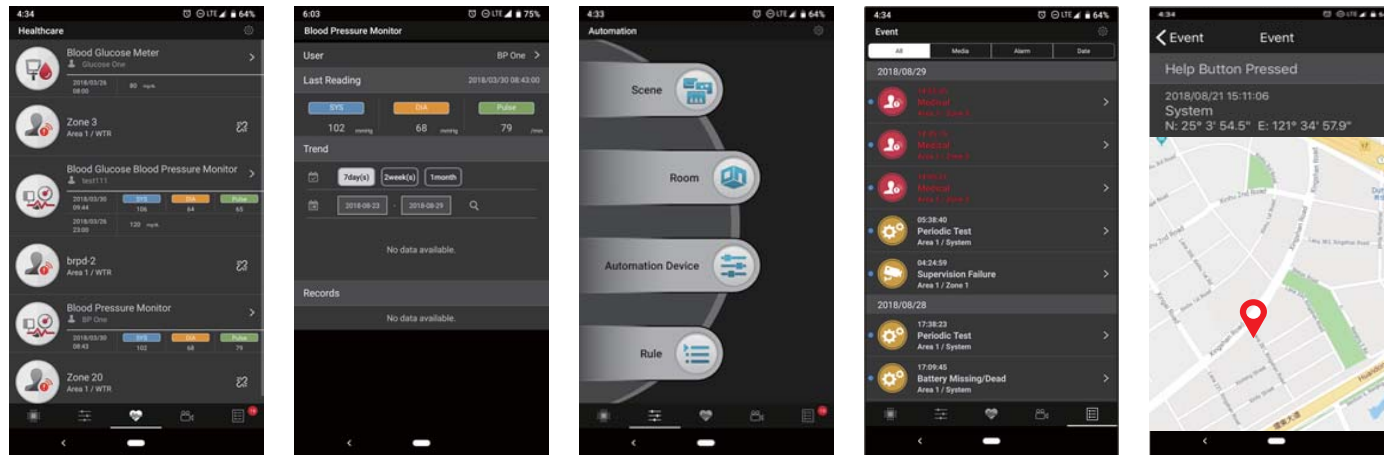
GX's built-in VOIP function allows users to initiate two-way voice calls to contact CMS and family members during alarms and emergency. With the optional add-on of DECT, GX can pair with voice extenders, talking pendants, call points...etc placed around the home to create a safety net and peace of mind.



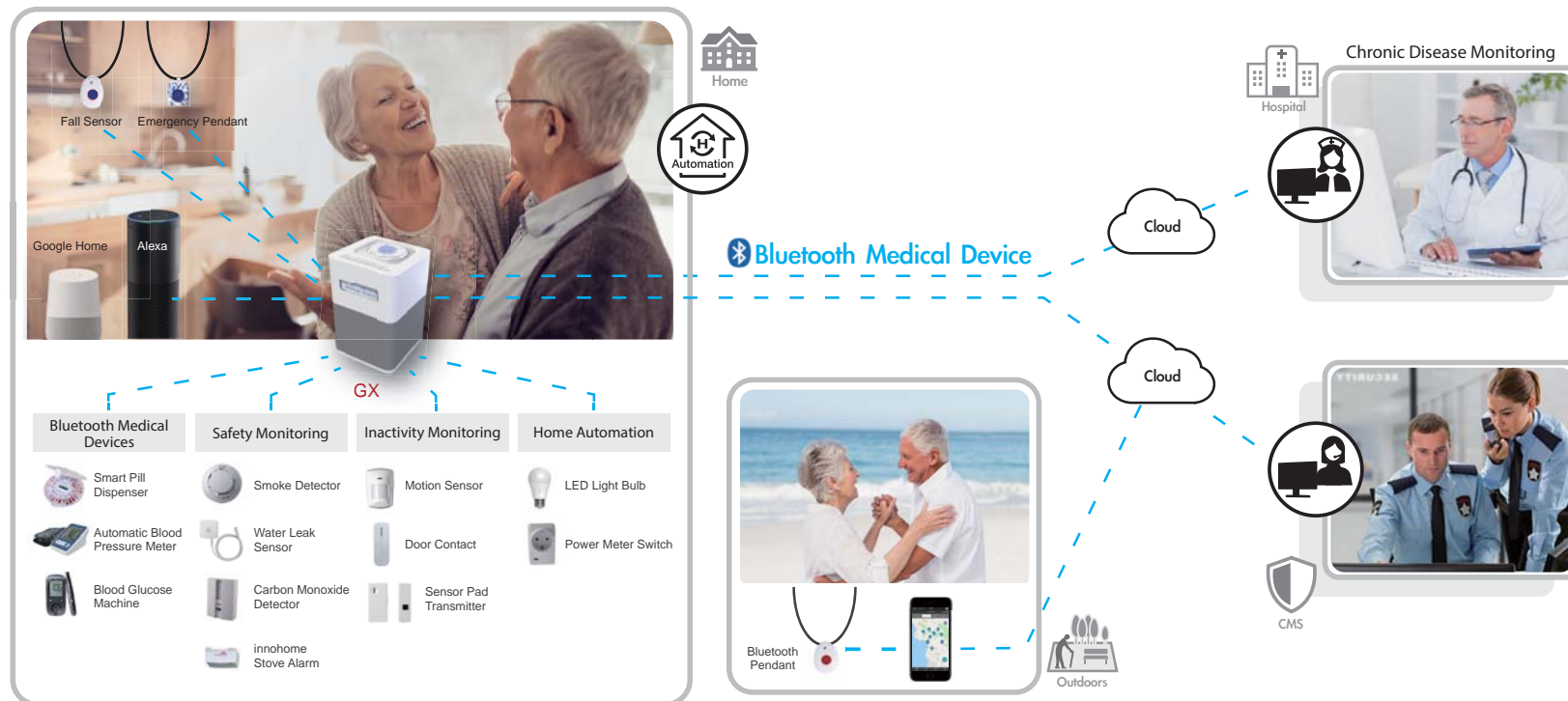
### Safety & Inactivity Monitoring

GX can support wireless sensor devices, allowing users to add in smoke detectors, water leakage sensors, and gas sensors to monitor emergencies; and motion sensors, door contacts, sensor pad transmitters for inactivity monitoring, to build a healthier, safer independent living.

Remote Monitoring via Web and Smartphone Apps



An Advanced Smart Telecare Device for Remote Monitoring



## GX-Cubic-1 Features

- Communication Path Options: IP (Ethernet), LTE (4G)\*
- Built-in Module Options: RF, DECT, BLE, ZigBee or Z-Wave
- Optional Expansion via USB Dongle: WiFi, BLE, ZigBee, Z-Wave
- Able to use SIM cards
- Able to support multiple Communication protocols with Monitoring Centers for Alarm Reporting
- LCD Display: Clock, Radio Frequency, Radio Station Name, GSM Signal Strength, Sensor Faults
- Compatible with Bluetooth® Low Energy (BLE) medical devices
- Voice Recognition capabilities
- Built-in Digital Audio Broadcasting (DAB) Radio function
- Supports Pivotell ® ‘Advance’ Pill Dispenser integration
- ZigBee and Z-Wave compatible home automation features
- Compatible with Google Home voice control
- Voice over Internet Protocol (VoIP) capabilities
- World-class certified RF range, reliability and performance
- 24/7 Environment Safety Monitoring
- Multi-party emergency intercom system capability
- Voice Prompt feature alerts the user upon designated events and status
- Supports multiple programming methods and remote firmware update capabilities



	GX-1 Cubic1	GX-3 Cubic1
Communication Path	IP (Ethernet), 4G	
Built-in Module Options	RF	RF and ZigBee ; or RF and BLE; or RF and Z-Wave
Optional Expansion via USB Dongle	WiFi, BLE, ZigBee or Z-Wave	
Optional Add-ons	External Antenna	
Wireless Zones	100	
Reporting Method	CID/SIA, Email, SMS, Push	
Programming Method	SMS, Web, App	
DECT		✓
DAB Radio	✓	✓
VoIP	✓	✓
Voice Recognition	✓	✓
Two-Way Voice	✓	✓
Voice Prompts	✓	✓

### **GX-Cubic1 Specifications**

ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz
Z - Wave Protocol	Z - Wave Plus 500 series,868.42MHz (EU) / 908.42MHz (US)
RF Frequencies	869NF / F1 869MHz / F1 919MHz
4G Frequencies	800 / 900 / 1800 / 2100 / 2600MHz
WiFi Module	802.11 b/g/n
Power Supply	12V/1A
Backup Battery	2300mAh, Ni - mH rechargeable battery pack
Backup Battery Life	TBD*
Operating Temperature	-10°C to 45°C (14° F to 113° F)
Operating Humidity	Up to 85% non - condensing
Dimensions	110mm x 110mm x 160mm

\*Note: Actual battery life varies with settings, conditions, operating environment, and usage.

### **BRPD-1 Bluetooth Emergency Pendant Specifications**

RF Frequencies	868MHz / 433MHz / 869MHz
Power Supply	3V, CR2477 Lithium battery x1
Backup Battery Life	TBA*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	59mm x 42mm x 19mm

\*Note: Actual battery life varies with settings, conditions, operating environment, and usage.



## Ordering Information

<b>GX1-Cubic1-4G-869/919</b>	IP Medical Gateway with built-in 4G and RF module, and DAB Radio
<b>GX1-Cubic1-EX-4G-869/919</b>	IP Medical Gateway with built-in 4G and RF module, DAB Radio and external antenna
<b>GX3-Cubic1-4G-869/919-ZB</b>	IP Medical Gateway with built-in 4G,RF, ZigBee module and DECT, DAB Radio
<b>GX3-Cubic1-4G-869/919-ZW</b>	IP Medical Gateway with built-in 4G,RF, Z-Wave module and DECT, DAB Radio
<b>GX3-Cubic1-4G-869/919-BLE</b>	IP Medical Gateway with built-in 4G,RF, BLE module and DECT, DAB Radio
<b>GX3-Cubic1-EX-4G-869/919-ZB</b>	IP Medical Gateway with built-in 4G,RF, ZigBee module, DECT, DAB Radio and external antenna
<b>GX3-Cubic1-EX-4G-869/919-ZW</b>	IP Medical Gateway with built-in 4G,RF, Z-Wave module, DECT, DAB Radio and external antenna
<b>GX3-Cubic1-EX-4G-869/919-BLE</b>	IP Medical Gateway with built-in 4G,RF, BLE module, DECT, DAB Radio and external antenna