Climax
GX-MAX
Smart Care Alarm Solution
Caring for Your Health and Personal Safety
VESTA

An Advanced Smart Telecare Solution with Voice Control

Living independently and aging gracefully are the ideals that every individual seeks to pursue. Climax's GX-MAX VOIP Smart Care Alarm is an all-in-one wellness, and personal safety medical alarm solution. The system supports VoLTE (voice over LTE), offering better quality of voice communication and calling experience. GX-MAX VOIP Smart Care Alarm delivers comprehensive features, including senior care, voice control, emergency monitoring, home automation, Bluetooth medical device pairing, and visual verification, providing seniors and their loved ones ultimate independence and peace-of-mind.

Bluetooth (BLE) Pairing Capability

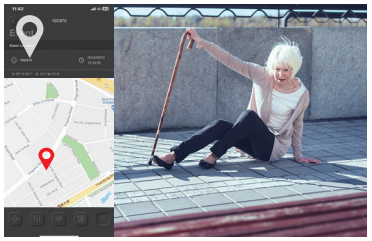
GX-MAX is compatible with Bluetooth Low Energy (BLE) medical devices, like blood glucose monitors, pulse oximeters, heart rate monitors…etc, to track health and medical data and provide alerts when necessary, creating a customized solution to meet individual needs.

Pivotell ® 'Advance" Pill Dispenser Integration

GX-MAX is compatible with Pivotell ® Advance Automatic Pill Dispenser, keeping secure of all pills, and reminding users to take their medication with alarm and flashing lights, giving seniors and their loved ones a peace-of-mind.

Voice over Internet Protocol (VoIP)

GX-MAX's VoIP function allows monitoring personnel and seniors to place voice calls using a broadband internet connection, and is applicable to DECT devices, talking pendants, call points, and voice extenders to provide two-way communications during alarms and emergencies.



Location Tracking

GX-MAX can be paried 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

Smart Home Automation

GX-MAX incorporates ZigBee, Z-Wave and/or BLE sensor devices to make your home smarter and safer by automatically turning on hallway lights at night when you pass by, or have the thermostat automatically adjust based on current room temperature, or remotely control home appliances, allowing elderly to stay safe and comfortable.

Mutliple Communication Paths

GX-MAX has built-in RF, Zigbee, Bluetooth (BLE), and DECT optional modules, supporting up to 100 wireless sensor devices, creating comprehensive and enless expandability, assisting seniors to build a healthier, safer independent living.

Voice Control

GX-MAX is compatible with Amazon Alexa and Google Home to control home electronic devices. Allowing seniors to use their voice to make their environment more suitable without lifting a finger.

Comprehensive Help/Nurse Arrival Function

GX-MAX has a fully developed help/nurse arrival function to assist care and medical personnel to efficiently respond to the following four scenarios:

- Help/Nurse Arrival.
- The nurse's work is complete.
- The nurse needs help.
- The nurse closes the case.

Visual Monitoring and Verification

GX-MAX can integrate Camera PIR Motion Sensors to deliver real-time visual monitoring and verification. When an emergency occurs, alerts are immediately sent to the elderly user, family members, and Monitoring Center prompting them to verify the event by viewing the captured alarm images via smartphone or web browser.

Three Button Design

GX-MAX features a user-friendly three-button design; users can summon emergency help by one press on the large red button and press green button to terminate a call or cancel calls. The yellow multi-functional button can be programmed as an inactivity, check-in/out, or non-emergency call according to senior's needs.

Safety & Inactivity Monitoring

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

Features

- Communication Path Options: IP (Ethernet), LTE*
- Support for VoLTE (Voice Over LTE)
- Built-in Module: RF, DECT (activated by inserting module for GX-MAX15 and GX-MAX18)
- Protocol Module options: Zigbee, Bluetooth
- Support external antenna capability
- Support for Wi-Fi
- Support for IPv6 for enhanced performance and scalability
- Support multiple Communication protocols with Monitoring Centers for alarm reporting
- Voice over Internet Protocol (VoIP) capabilities
- 24/7 Environment Emergency Monitoring
- Compatible with Bluetooth Low Energy (BLE) medical devices
- Supports Pivotell ® 'Advance' Pill Dispenser integration
- ZigBee compatible home automation capabilities
- Compatible with Google Home and Amazon Alexa voice control
- Energy Management capabilities
- Voice Prompt feature alerts the user upon designated events and status
- Powerful speaker for clear two-way hands free voice communication with noise cancellation
- User-friendly three button design with programmable multi-functional yellow button
- Remote firmware update capabilities

*Note: LTE supports 3G and 2G. When LTE coverage is unavailable, the device will automatically search for 3G or 2G coverage, based on user's paid network service capabilities.

Specifications

	GX-MAX1	GX-MAX3	GX-MAX5	GX-MAX8	GX-MAX15	GX-MAX18
Communication Path	IP (Ethernet) / LTE					
Built-in Communication Protocol	RF		RF / DECT		RF / DECT (activated by inserting module)	
Protocol Module Options	Bluetooth / ZigBee / Z-Wave (one of three options)	Bluetooth / ZigBee / Z-Wave (two of three options)	Bluetooth / ZigBee / Z-Wave (one of three options)	Bluetooth / ZigBee / Z-Wave (two of three options)	Bluetooth / ZigBee / Z-Wave (one of three options)	Bluetooth / ZigBee / Z-Wave (two of three options)
Optional Add-on	External Antenna (SMA Plug) / Wi-Fi					
Number of devices	100					
Reporting Method	CID/SIA, Email, SMS, Push Notification					
Programming Method	Web, Smartphone App					
VOIP	✓	✓	✓	✓	✓	✓
Two-way voice	✓	✓	✓	✓	✓	✓
VoLTE	✓	✓	✓	✓	✓	✓
Voice Prompts	✓	✓	✓	✓	✓	✓
Backup Battery	✓	✓	✓	✓	✓	✓
Home Automation Features	✓	✓	✓	✓	✓	✓
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz					
Z-Wave Protocol	Z-Wave Plus 500 series, 868.40MHz (EU) / 908.40MHz (US)					
RF Frequencies	869 MHz / 919 MHz / 433 MHz					
LTE Frequencies	**EU**: B1 (2100 MHz) / B3 (1800 MHz) / B5 (850 MHz) / B7 (2600 MHz) / B8 (900 MHz) / B20 (800 MHz) **US**: B2 (1900 MHz) / B4 (1700 MHz) / B12 (700 MHz)					
3G Frequencies	**EU:** B1 (2100 MHz) / B5 (850 MHz) / B8 (900 MHz)					
DECT Frequencies	1880-1900 MHz (EU) / 1910-1930 MHz (US)					
Wi-Fi Module	802.11 b/g/n					
Internet Protocol	IPv6					

Bluetooth Version	5.0
Power Supply	12V, 1.5A
Backup Battery	1100mah / 1600mAh / 2300mah / 3000mah / 4500mah Ni-Mh Rechargeable Battery Pack*
Backup Battery Life	1100mah: 36 hrs / 1600mah: 53 hrs / 2300mah: 76 hrs / 3000mah: 100 hrs / 4500mah: 150 hrs**
Speaker	Φ87, 3W
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	58mm x 164mm x 216mm

Note:
*Be sure to only use the battery with capacity that correspond to the device's capacity. It is not recommended to use the battery with a different capacity.
**Actual battery life varies with settings, conditions, operating environment, and usage.

Ordering Information

GX-MAX1	IP Medical Alarm Gateway with built-in LTE, RF, Bluetooth / ZigBee / Z-Wave (one of three options)
GX-MAX1-EX	IP Medical Alarm Gateway with built-in LTE, RF, Bluetooth / ZigBee / Z-Wave (one of three options) and supports external antenna (antenna not included)
GX-MAX3	IP Medical Alarm Gateway with built-in LTE, RF, Bluetooth / ZigBee / Z-Wave (two of three options)
GX-MAX3-EX	IP Medical Alarm Gateway with built-in LTE, RF, Bluetooth / ZigBee / Z-Wave (two of three options), and supports external antenna (antenna not included)
GX-MAX5	IP Medical Alarm Gateway with built-in LTE, RF, DECT, Bluetooth / ZigBee / Z-Wave (one of three options)
GX-MAX5-EX	IP Medical Alarm Gateway with built-in LTE, RF, DECT, Bluetooth / ZigBee / Z-Wave (one of three options), and supports external antenna (antenna not included)
GX-MAX8	IP Medical Alarm Gateway with built-in LTE, RF, DECT, Bluetooth / ZigBee / Z-Wave (two of three options)
GX-MAX8-EX	IP Medical Alarm Gateway with built-in LTE, RF, DECT, Bluetooth / ZigBee / Z-Wave (two of three options), and external antenna (not included)
GX-MAX15	IP Medical Alarm Gateway with built-in LTE, RF, DECT (activated by inserting module), Bluetooth / ZigBee / Z-Wave (one of three options)
GX-MAX15-EX	IP Medical Alarm Gateway with built-in LTE, RF, DECT (activated by inserting module), Bluetooth / ZigBee / Z-Wave (one of three options), and supports external antenna (antenna not included)
GX-MAX18	IP Medical Alarm Gateway with built-in LTE, RF, DECT (activated by inserting module), Bluetooth / ZigBee / Z-Wave (two of three options)
GX-MAX18-EX	IP Medical Alarm Gateway with built-in LTE, RF, DECT (activated by inserting module), Bluetooth / ZigBee / Z-Wave (two of three options), and external antenna (not included)

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