

# ***Climax Medical Series***

***Protecting your loved ones***



***A Complete Smart Care Solution***

# Contents

---

Climax Medical Series Introduction	1
Senior Care Series	2
Smart Care Series	4
PERS GPRS Locator Series	6
Locator Series & DECT Devices	7
Emergency Pendants & Wrist Transmitters	8
Panic Buttons	9
Voice Satellite & Other Accessories	10

# Climax Medical Series

## Protecting your loved ones



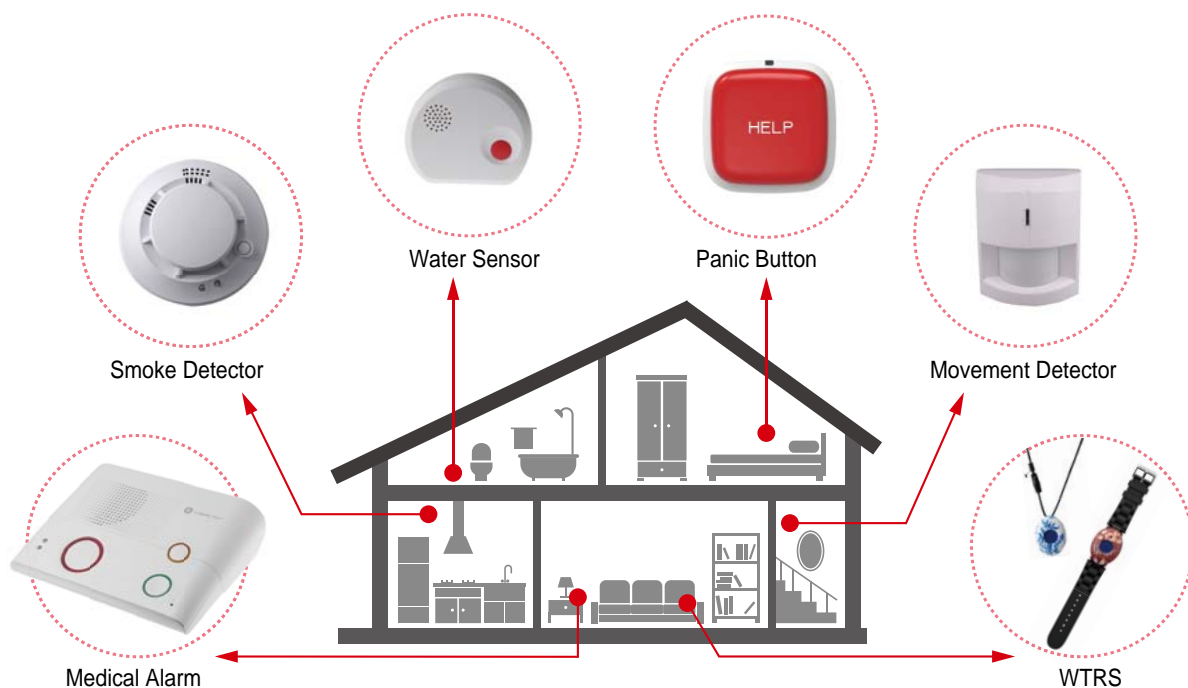
Climax's Medical Series are an all-in-one wellness, security and personal safety medical alarm solution, designed for seniors to stay safe and independent at home or outdoors. Our Senior Care series, Smart Care series, PERS GPS location tracking series, and accessories product family offers a comprehensive range delivering features, including senior care, home security, emergency monitoring, energy management, lifestyle monitoring, home automation, and visual verification monitoring. Our Medical Series solutions are seniors most trusted companion for a worry-free lifestyle, making active aging as easy as a breeze.

### Multiple Communication Paths & Protocols

Smart Care Series have multiple communication options: IP (Ethernet), WiFi, and/or 3G/LTE connectivity. Smart Care panels also support multiple protocols including RF, ZigBee, Z-Wave, Bluetooth® (BLE) and/or DECT protocols, supporting up to 100 wireless sensor devices, creating comprehensive and endless expandability, assisting seniors to build a healthier, safer independent living.

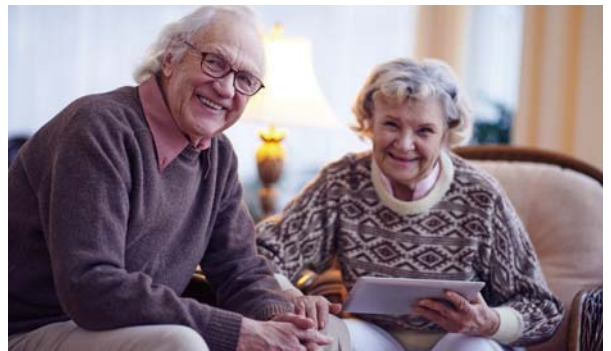
### Bluetooth® (BLE) Pairing Capability

Smart Care Series are 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.



### Senior Care - PSTN Medical Alarm Series

Climax's Senior Care solution provides an ideal protection for seniors at home. In an emergency event, you can summon immediate help with a simple one button press. Moreover, with additional functionalities such as fall detection, mobility checks, two-way voice communication via optional sensors, our Senior Care series will be your most reliable partner for a carefree and dignified aging.



#### CTC-1032/ CTC-1039

- PSTN medical alarm
- CID reporting
- Reports up to 4 Central Monitoring Stations
- Two-way voice communication
- Voice Reporting (CTC-1039 only)
- Remote & Local Programming
- Hands free call answering
- Silent emergency call
- Supervision for wrist pendants
- Mobility check
- Automatic check-in report



#### CTC-1041/ CTC-1041RV

- PSTN medical alarm
- CID reporting
- Reports up to 4 Central Monitoring Stations
- Works with Climax DECT devices (CTC-1041RV only)
- Powerful 3W speaker
- Two-way voice communication
- Remote & Local programming
- Hands free call answering
- Silent emergency call
- Supervision for wrist pendants
- Mobility check
- Automatic check-in report

Power Source	12V, 1A Switching Power
Backup Battery Type	Ni-Mh Battery
Backup Battery Life	19 hrs
Frequency	433MHz/ 869.85MHz
Operating Temperature	-10°C to 45°C
Operating Humidity	Up to 85% non - condensing
Dimensions	180mm x 121.7mm x 40mm

Power Source	12V, 1A Switching Power
Backup Battery Type	Ni-Mh Battery
Backup Battery Life	34hrs/ 13hrs (CTC -1041RV)
Frequency	433MHz / 869.85MHz
Operating Temperature	-10°C to 45°C
Operating Humidity	Up to 85% non-condensing
Dimensions	200mm x 150mm x 55mm

## Senior Care - 3G Medical Alarm Series

### CTC-1052/ CTC-1052RV



- GSM/3G medical alarm panel
- CID/GPRS/SMS/Speech Reporting
- Reports up to 4 Central Monitoring Stations
- Works with Climax DECT devices (CTC-1052RV only)
- Powerful 3W speaker
- Two-Way Hands-Free Voice Communication
- Remote & Local programming
- Silent emergency call
- Supervision for Wrist Pendants
- Mobility check
- Automatic check-in report

### CTC-1052B/ CTC-1052B Plus



- GSM/3G Medical Alarm Panel
- Volume Control Buttons
- Temperature Alarm Reporting (CTC-1052B Plus only)
- CID/GPRS/SMS/Speech Reporting
- Reports up to 4 Central Monitoring Stations
- Powerful 3W speaker
- Two-Way Hands-Free Voice Communication
- Remote & Local programming
- Silent emergency call with Half Duplex Listen-in
- Supervision for Wrist Pendants
- Mobility check, Fault Reporting
- Automatic check-in report

### CTC-1052C



- GSM/3G Medical Alarm Panel
- CDMA Network Compatible (optional)
- LCD Display shows clock time, GSM signal strength, temperature, and volume
- CID/GPRS/SMS/Speech Reporting
- Reports up to 4 Central Monitoring Stations
- Powerful 3W speaker
- Two-Way Hands-Free Voice Communication
- Remote & Local programming
- Silent emergency call with Half Duplex Listen-in
- Supervision for Wrist Pendants
- Mobility check, Fault Reporting
- Automatic check-in report
- Voice Prompt

### Smart Care Series - GX VOIP Security Medical Alarm Solution

The GX is an all-in-one wellness, security, and personal safety medical alarm solution with VOIP two-way communication, multiple communications paths (RF, ZigBee, Z-Wave, DECT), and compatible with Bluetooth® (BLE) medical devices.



#### GX Series



- Communication Path Options: IP (Ethernet), LTE (4G)
- Built-in Module Options: RF, ZigBee, Z-Wave, BLE, DECT
- Communication protocols with Monitoring Centers: Contact ID, Social Care Alarm Internet Protocol (SCAIP), Climax CPC Dialect, and Franklin 4+2
- Voice over Internet Protocol (VoIP) capabilities
- Alarm Reporting, integration up to 100 sensors/devices
- Compatible with Bluetooth® Low Energy (BLE) medical devices
- Supports Pivotell® 'Advance' Pill Dispenser integration
- Voice Prompt features
- ZigBee & Z-Wave compatible home automation capabilities
- 24/7 Environment Emergency Monitoring
- Energy Management capabilities
- Comprehensive help/nurse arrival function
- Multi-party emergency intercom system capability

RF Frequencies	433 MHz / 869MHz
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz
Z-Wave Protocol	Z-Wave 868.40MHz (EU) / 908.40MHz (US)
3G/LTE Frequencies	800/900/1800/2100/2600MHz
Bluetooth Low Energy (BLE)	2.4GHz
WiFi Module	802.11 b/g/n
Power Supply	12V, 1.5A Switching Power
Backup Battery	7.2V, 1600mAh Ni-Mh Rechargeable Battery pack
Backup Battery life	18hrs*
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

## Smart Care Series - MX Medical and Intrusion Alarm Solution



With our Smart Care MX Series, an all-in-one personal safety medical alarm system, seniors will receive a robust reliable medical alarm services and enjoy the peace-of-mind resulted from the systems convenient and efficient security functions.



### MX Series



- Communication Path Options: PSTN, IP (Ethernet), GSM (3G)
- Built-in Module Options: RF, ZigBee, Z-Wave, DECT
- Communication protocols with Monitoring Centers: Contact ID, Social Care Alarm Internet Protocol (SCAIP), Climax CPC Dialect, and Franklin 4+2
- Alarm Reporting, integration up to 100 sensors/devices
- World-class certified RF range and two-way voice quality
- Supports multiple reporting methods including speech mode
- Voice prompts feature
- ZigBee & Z-Wave compatible home automation capabilities
- 24/7 Environment Emergency Monitoring
- Multi-party emergency intercom system
- Comprehensive Help/Nurse Arrival function
- Doubles as an intrusion alarm
- User-friendly three button design with a multi-functional yellow button

RF Frequencies	433 MHz / 869MHz
ZigBee Protocol	ZigBee Pro HA 1.2, 2.4GHz
Z-Wave Protocol	Z-Wave 868.40MHz (EU) / 908.40MHz (US)
3G/LTE Frequencies	800/900/1800/2100/2600MHz
Power Supply	12V, 1A Switching Power
Backup Battery	7.2V, 1600mAh Ni-Mh Rechargeable Battery pack
Backup Battery life	24hrs*
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	216mm x 164mm x 58mm

### GPRS PERS Location Tracker - Mobile Lite & Mobile Pro

Climax's Mobile Lite, a 3G personal emergency response system (PERS) with GPS location tracking functionality, protects seniors at home, in the yard, and outdoors.

#### Mobile Lite



- Portable PERS for both indoor and outdoor protection
- GPRS/SMS/Speech reporting
- Up to four numbers can be saved for emergency calls
- Location coordinates viewable on Climax Home Portal map service and smartphones
- Can be activated by a pendant transmitter to make emergency calls
- Voice prompt
- Remote programming
- Automatic check-in report

Frequencies	433MHz / 869MHz (EN-300-220, Class 1)
Power Source	3.7V, 800mAh Lithium rechargeable battery
Battery Life	48 hrs*
GPRS (PS data rate)	HSUPA category 6 HSUPA category 8
SIM Card	Supports 1.8V and 3V micro SIM cards
Water Resistance	IP X4
Dimensions	41mm x 23mm x 71mm

#### Mobile Pro



- Smart Care Alarm System for indoors and on-the-go
- Built-in microphone & powerful 3W speaker
- Voice prompt
- Two-way hands-free communications feature
- Ten selectable volume level settings
- Large Help button with LED backlight
- Integrate up to 5 emergency pendants & wrist transmitters
- Reports up to four emergency call numbers or Monitoring Centers
- Remote & Local programming
- Automatic check-in report

Mobile Pro I - Base	
Frequency	433MHz / 869MHz (EN-300-220, class 1)
Power Source	9V, 1A Adaptor
Backup Battery	1100mAh, Ni-Mh rechargeable battery pack
Backup Battery Life	30hrs*
Volume	Up & Down Buttons, 10 level control
Dimensions	162mm x 165mm x 62mm

Mobile Pro I – Mobile Lite	
Frequency	433MHz / 869MHz (EN-300-220, class 1)
Power Source	3.7V, 800mAh Lithium rechargeable battery
Battery life	48hrs*
SIM Card	Supports 1.8V and 3V micro SIM cards
Water Resistance	IP X 4
Dimensions	41mm x 23mm x 71mm



## Locator System

LT- 49, RPN-99 and BUN-152



- Senior Locator system
- Each system can integrate with multiple LT-49s and RPN-99s
- Individual ID code for each locator and repeater
- Three frequency-hopping groups available
- Each frequency-hopping group contains 25 channels
- Suitable for Senior Care Centers & Nursing Homes

## Medical Accessories - DECT Devices

### Call Point



- Wireless emergency communicator for additional protection in different areas of the home
- Two-way, hands-free voice communication
- Built-in microphone and speaker
- Excellent voice quality and long reach
- IPX4 waterproof standard
- Low battery indicators
- Ultra low power consumption

### Voice Satellite



- Wireless Voice Satellite allows user to summon emergency help with one button press
- Two-way Hands-free voice communication
- Can be used by multiple persons simultaneously
- Adjustable speaker volume
- Power Supply: 9V, 1A adapter
- Backup battery life: 16hrs

### Talking Pendant



- Two-way Hands-free voice communication
- IPX4 waterproof standard
- Built-in microphone and speaker
- Portable, worn as neck pendant
- Ultra low power consumption
- Long battery life of up to 5 years\*

\*Note: Actual battery life may vary with product settings, usage patterns and operating environment.

### Medical Accessories - Emergency Pendants & Wrist Transmitters

#### WTRS



- One-of-a-kind, easy to use, stylish emergency pendant
- One-Click Necklace/Wristband Switch
- Long battery life of up to 6 years\*
- IP67 waterproof standard
- Multiple options of White, Blue China, Flag, Flower designs
- Low battery detection and supervision
- Multiple options of necklace/wristband including black lanyard, black wristband, white wristband, or black elastic wrist strap

#### WTRZ



- Can be worn as a neck pendant or a wrist transmitter
- Handicap raised color cover for easier accessibility
- Fully waterproof and lightweight
- Interchangeable color covers to match individual styles
- Long battery life of up to 6 years\*
- Multiple options of necklace/wristband including black lanyard and black elastic wrist strap

#### WTRQ



- Can be worn as a neck pendant or a wrist transmitter
- Long battery life of up to 5 years\*
- Waterproof design
- Low battery detection & Supervision
- Multiple options of necklace/wristband including gray lanyard, black wristband, an elastic wrist strap, white watchband or a metal necklace

#### WTRD



- Emergency neck pendant
- Powered by a permanently sealed-in lithium battery
- Battery life of more than 7 years\*
- IP67 waterproof and lightweight
- Low battery detection and supervision
- Options of gray lanyard or metal necklace

\*Note: Actual battery life may vary with product settings, usage patterns and operating environment.

## **Medical Accessories - Panic Buttons & Others**

### **Panic Button**



- Big red HELP button for quick identification and activation
- LED indicates the transmission of alarm signals
- IPX4 water resistant standard
- Periodic supervisory signals check system integrity
- Dimensions: 85mm x 85mm x 22mm
- Low battery indicatory
- Long battery life

### **Panic Button**



- Red round button for quick identification and activation
- LED indicates the transmission of alarm signals
- IPX4 water resistant standard
- Periodic supervisory signals check system integrity
- Low battery indicatory
- Long battery life

### **PSTN Voice Satellite**



- Expands voice coverage
- Hands-free, Two-way voice communication
- Activates when your phone or alarm system answers a call
- Microphone and speaker controlled separately
- Four selectable levels of microphone sensitivity
- Adjustable speaker volume
- Microphone and speaker controllable via DTMF commands

### **Pull Cord**



- Summon help by pulling the attached cord
- Wall-mount or ceiling-mount indoor installation
- Low maintenance
- 24-hr supervision transmissions
- Low battery detection
- Long battery life



**Climax Technology Co., Ltd.**

Website: <http://www.climax.com.tw>

Email: [sales@climax.com.tw](mailto:sales@climax.com.tw)

Copyright © 2017 Climax Technology Co., Ltd. All Rights Reserved.  
Dec. 12, 2017