



# CareUnity IP Smart Care Communications Hub



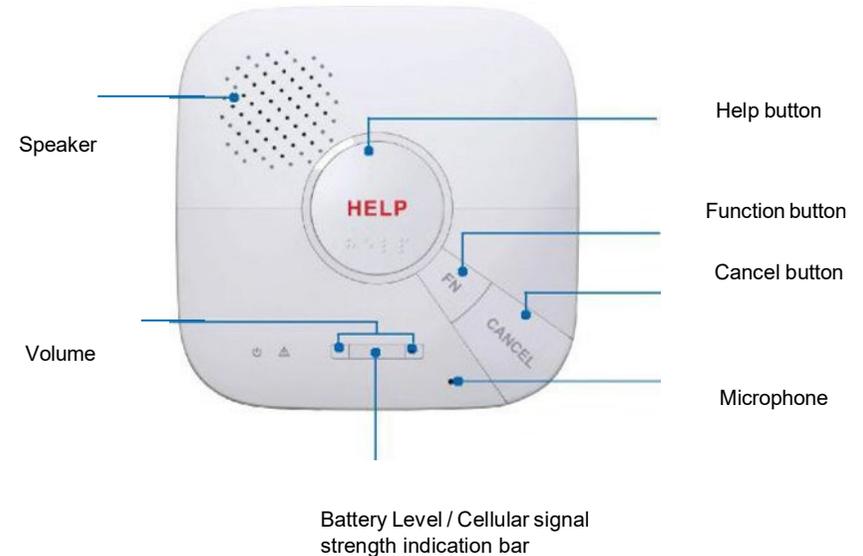
Caring for Your Health and Personal Safety

# An Advanced Smart Telecare Solution with Voice Control

The CareUnity IP Smart Care communications hub is more than a conventional Dispersed Alarm Unit (DAU). With the inclusion of both Zigbee and Bluetooth connectivity, this new hub provides a future pathway for true open-source connectivity of both medical and environmental sensors. The battery level and the cellular signal strength are both indicated through the white bar on the lower display. The system supports VoLTE (Voice Over LTE) for clear voice communication. In addition, the status of the system, for example, in learning mode or alarm reporting, will be also indicated through the LED backlight of the large Help button.

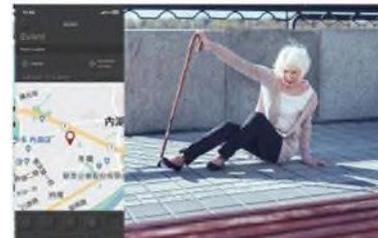
The CareUnity IP is compatible with Bluetooth medical devices, like blood glucose /blood pressure monitors, pulse oximeters etc., to track medical data and remote monitoring directly from caregivers/physicians. In addition, the usual telecare alarm features, including emergency monitoring and inactivity monitoring, are also present. Finally, voice control and home automation capabilities are also incorporated to assist users to achieve a more secure and healthy living environment.

CareUnity IP Smart Care communications hub 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.



## Bluetooth Medical Device Pairing

CareUnity IP 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/Doctors to remote monitor and provide treatment as needed.



## Location Tracking

CareUnity IP 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.



## Smart Home Automation

Zigbee or Bluetooth automation devices incorporated into CareUnity IP to create a smarter and safer home. For example, by auto turning on hallway lights at night to decrease the chance of a fall; or auto turn on the heating if there is a sudden temperature drop.

# Connected for Healthier, Secure Living



## Voice Control

CareUnity IP is compatible with Google Home and Amazon Alexa voice control to control home electronic devices, allowing seniors to use their voice to make their environment more suitable without lifting a finger.



## Visual Monitoring and Verification

CareUnity IP can integrate Camera PIR Motion Sensors to deliver real-time visual monitoring and verification. When an emergency occurs, alerts can be immediately sent to family members, and the Monitoring Centre to verify the event and send immediate assistance as needed.



## Pivotell® Advance Automatic Pill Dispenser

CareUnity IP is compatible with Pivotell® Advance Automatic Pill Dispenser.



## Safety and Inactivity Monitoring

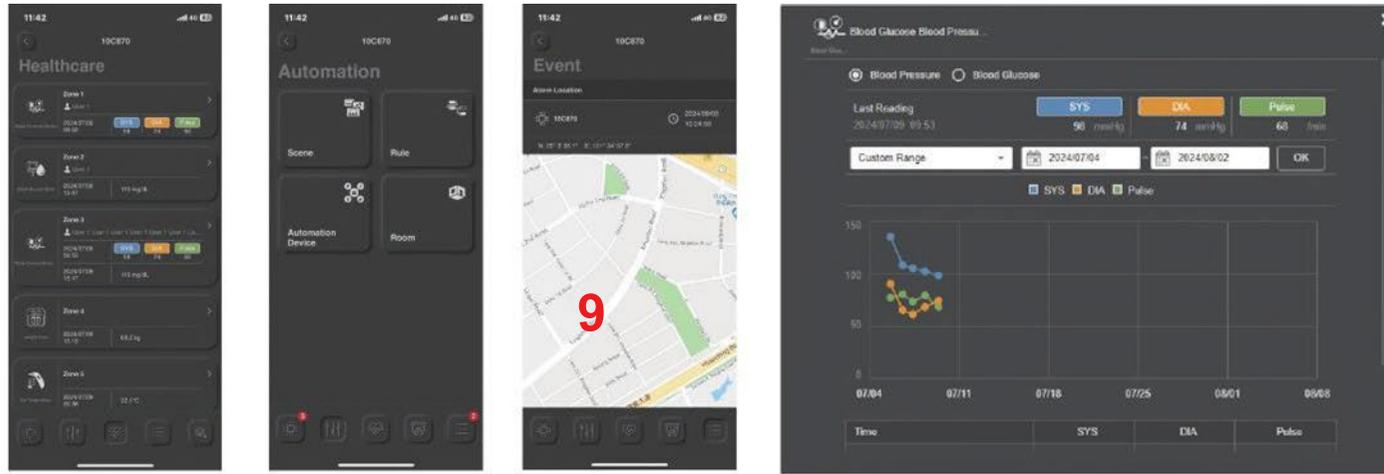
CareUnity IP can support wireless sensor devices, allowing users to add smoke detectors, water leakage sensors, and gas sensors to monitor emergencies; motion sensors, door contacts, sensor pad transmitters for inactivity monitoring, to provide a healthier, safer independent living solution.



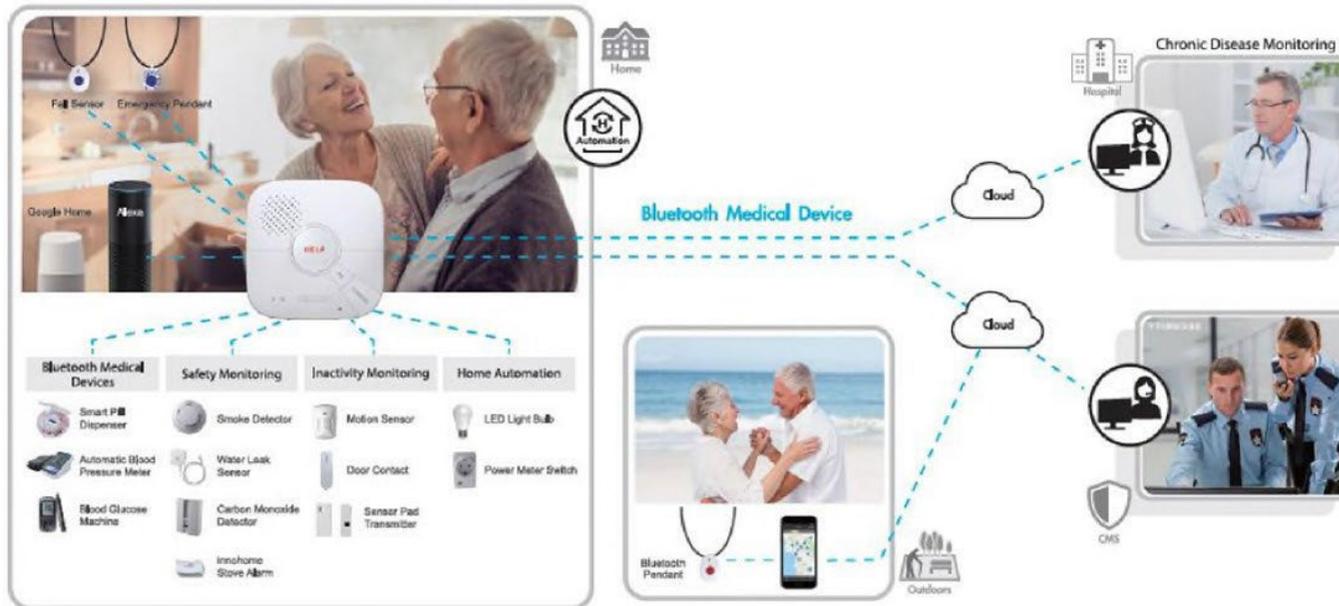
## Voice over Internet Protocol (VoIP) and DECT

CareUnity IP built-in VoIP function allows users to initiate two-way voice calls to contact centres and family members during alarms and emergencies.

# Remote Monitoring via Web and Smartphone Apps



## An Advanced Smart Telecare Device for Remote Monitoring

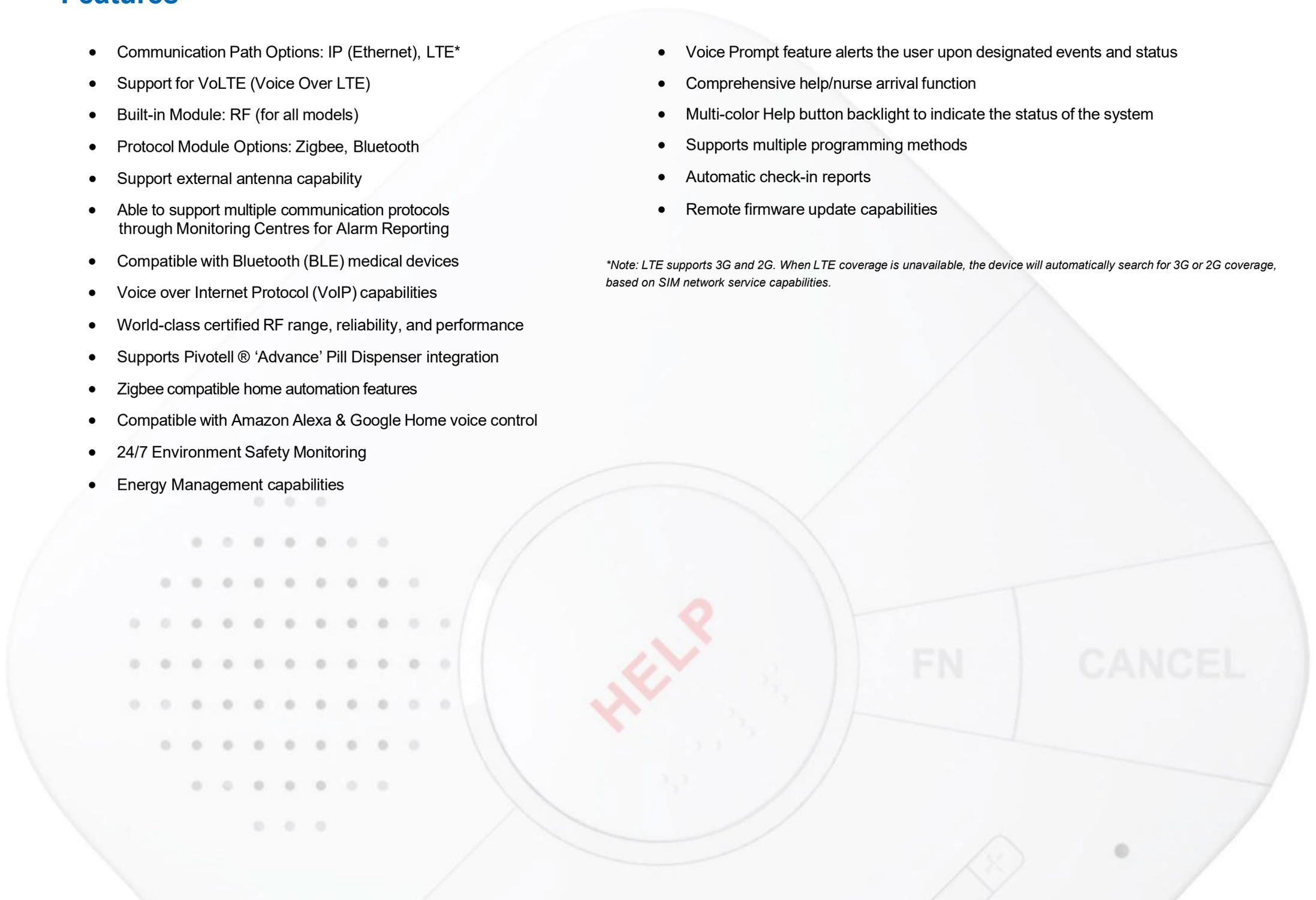


# Features

- Communication Path Options: IP (Ethernet), LTE\*
- Support for VoLTE (Voice Over LTE)
- Built-in Module: RF (for all models)
- Protocol Module Options: Zigbee, Bluetooth
- Support external antenna capability
- Able to support multiple communication protocols through Monitoring Centres for Alarm Reporting
- Compatible with Bluetooth (BLE) medical devices
- Voice over Internet Protocol (VoIP) capabilities
- World-class certified RF range, reliability, and performance
- Supports Pivottell® 'Advance' Pill Dispenser integration
- Zigbee compatible home automation features
- Compatible with Amazon Alexa & Google Home voice control
- 24/7 Environment Safety Monitoring
- Energy Management capabilities

- Voice Prompt feature alerts the user upon designated events and status
- Comprehensive help/nurse arrival function
- Multi-color Help button backlight to indicate the status of the system
- Supports multiple programming methods
- Automatic check-in reports
- 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 SIM network service capabilities.*



# Specifications

Wireless Zones	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
RF Frequencies		F1 869 MHz / F1 919 MHz / F1 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) Category 1 or 4
Bluetooth Version		5.0
Power Supply	12V, 1.5A	
Backup Battery	1100mAh / 1600mAh / 2300mAh / 3000mAh / 3600mAh / 4500mAh Ni-Mh Rechargeable Battery Pack	
Backup Battery Life	1100mAh: 27 hrs / 1600mAh: 40 hrs / 2300mAh: 57 hrs / 3000mAh: 75 hrs / 3600mAh: 120 hrs / 4500mAh: 150 hrs	
Speaker	Φ50, 1.5W	
Operating Temperature	-10°C to 45°C (14°F to 113°F)	
Operating Humidity	Up to 85% non-condensing	
Dimensions	173 mm x 173 mm x 48 mm	

**Call 0844 56 113 16**

**[www.chubbcommunitycare.co.uk](http://www.chubbcommunitycare.co.uk)**