



## Ascom teleCARE IP® Repeater

*As part of Ascom teleCARE IP solution, the teleCARE IP Repeater is the link in the chain between the resident device and the central equipment.*

**A senior living facility can use repeaters to enhance the wireless network functionality, making it easy to install a wireless environment when and where needed. Efficient and reliable communication between the resident and staff helps to improve satisfaction and helps to enhance the safety and efficiency of care.**

### How it works

- Ascom Repeaters are dual radio transceivers that serve as the lifeblood of the teleCARE IP Wireless System.
- The repeater receives the signals from the mobile wireless devices worn by residents (pendants and wrist transceivers) and the static devices in the residents' rooms.
- The repeater will transmit the events to other repeaters, until the central equipment is reached, creating a wireless backbone that is capable of handling high traffic.
- The first repeater in the chain is wired to a room controller to connect the wireless part to the LAN with the central equipment. The combination creates the wireless gateway functionality.
- Based on device heartbeat, the system and all its components are monitored by the central equipment.





## Key Features

- AC powered via an adaptor - no other cabling required
- Automatic battery back up for five hours in case of power failure
- Outdoor use with a protective box
- Outdoor range of 300 meters and indoor range of 30 meters
- Discrete enclosure for wall or ceiling mount

## Key Benefits

- Enables facilities to achieve easier and lower costs for installations
- Highly reliable two-way communication ensures calls are never lost
- Enables easy expansions or renovations without the need for cable in a existing or new teleCARE IP wired system
- Cost effective way to create a nurse call infrastructure
- Improves wireless signal strength for increased reliability and speed



**Our reliable wireless infrastructure provides flexibility, reduces the cost of labor and cabling.**

## About Ascom

Ascom is a global solutions provider focused on healthcare Information and Communication Technology (ICT) and mobile workflow solutions. The vision of Ascom is to close digital information gaps allowing for the best possible decisions – anytime and anywhere. Ascom’s mission is to provide mission-critical, real-time solutions for highly mobile, ad hoc, and time-sensitive environments. Ascom uses its unique product and solutions portfolio and software architecture capabilities to devise integration and mobilization solutions that provide truly smooth, complete and efficient workflows for healthcare as well as for industry, security and retail sectors. Headquartered in Baar, Switzerland, Ascom has subsidiaries in 15 countries and employs approximately 1,200 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.

*The availability, configuration and technical specifications of Ascom products, services and solutions may vary from country to country. Please ask your nearest Ascom representative for further details.*

**Ascom Senior Care Solutions**  
**Always Present. Always On. Always Safe.**

### Ascom Wireless Solutions

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