Protektor II System

Protektor is an integrated solution for call and alert systems. The Zone Protektor collects signals from our multiple wireless monitoring systems, then boosts and forwards alert signals to Protektor care station. It is suitable for facilities consisting of multiple floors, or a small campus of buildings.

Bed Sensor Pad

Protektor Call Point & Handset

Bed Monitor

Cordless Chair Pad

Bathroom Emergency Pull Cord Button

Door Strip Sensor

Cordless Floor Mat

Wireless Alarm Light

Zone Protektor

Wristband Transmitter

Caregiver Pager

Care Station

Compatible With Multiple Monitoring Systems

DoorWatcher™

An Anti-Wandering system that helps caregivers watch over those in their care and prevent wandering out of doors. It immediately alerts when patients/elders wearing a wristband transmitter move within the range of protected doors and provides an audible and visual alarm. It can be connected to a door lock so temporary locking to prevent immediate exit by a patient with an adjustable system timer.

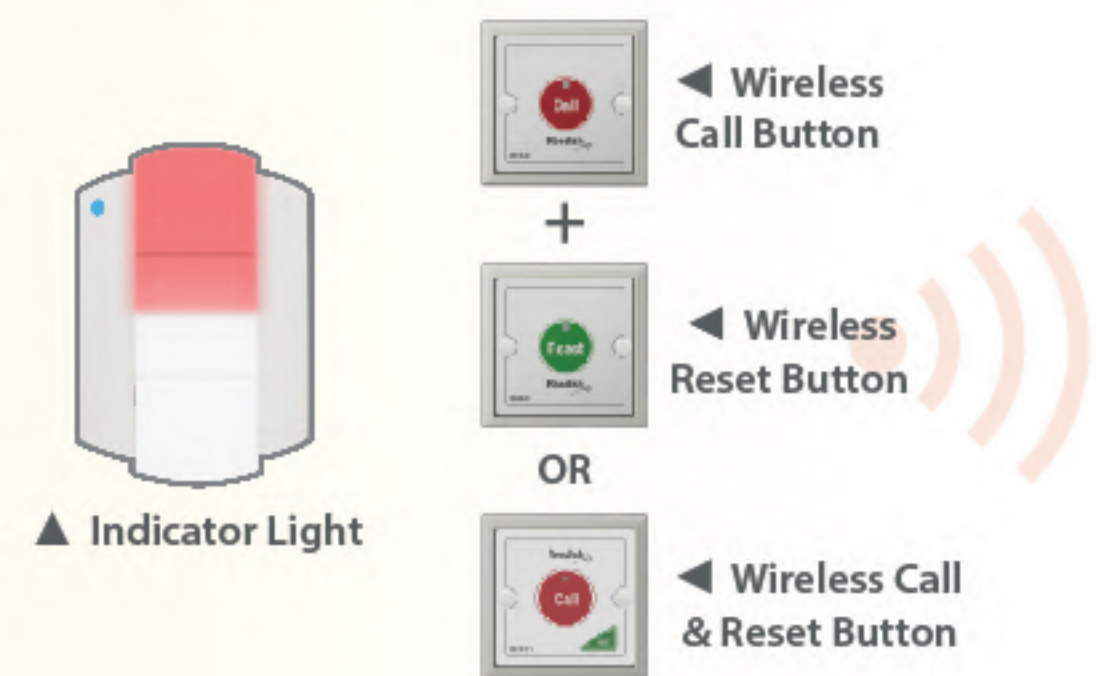◄ Door Strip Sensor

▲ Wristband Transmitter

BedWatcher™

A wireless bed monitoring system that detects when a frail and vulnerable patient leaves the bed. It comprises a wireless pressure-sensor pad in the bed or wheelchair to our wireless bed monitor. The sensor pad could be placed under the mattress so no direct contact with a patient, eliminating the need to disinfect between users. The alarm can be reset at the bed monitor

THIS SIDE UP

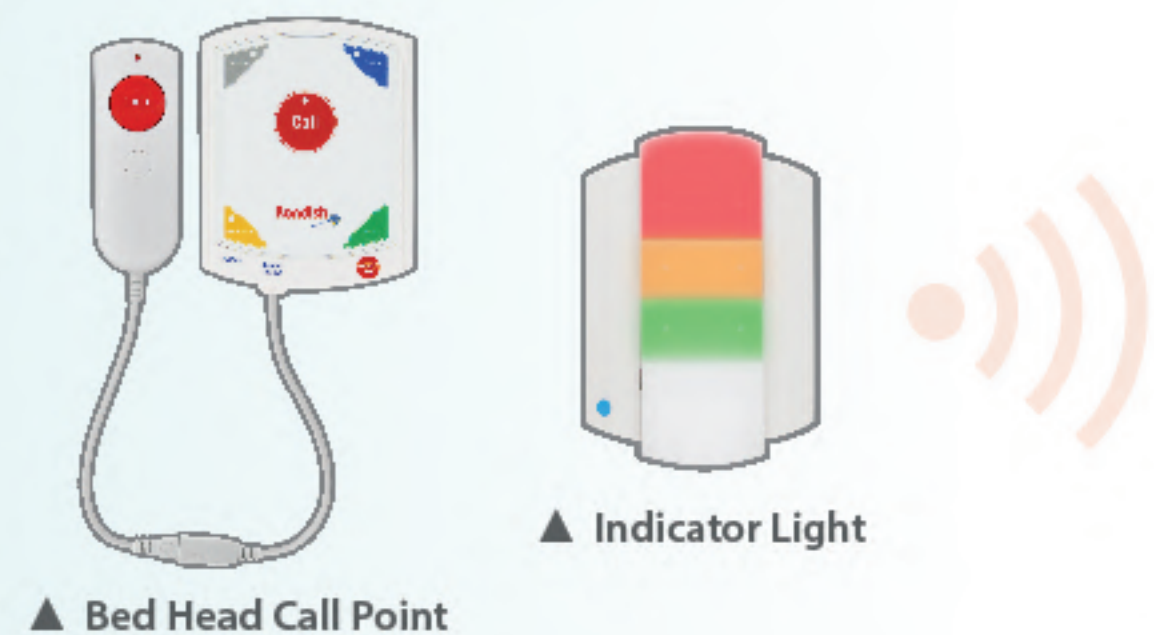◄ Under-Mattress Pad

▲ CordFree Monitor

Bathroom Alarm

A wireless waterproof call system that provides the ability for patients or elderly to gain help when they are in the bathroom, toilet or any other zones required. Signals from waterproof call button transmit to a wireless indicator light with sound outside a protected area which can be reset by a reset button.

▲ Indicator Light

◄ Wireless Call Button

+

◄ Wireless Reset Button

OR

◄ Wireless Call & Reset Button

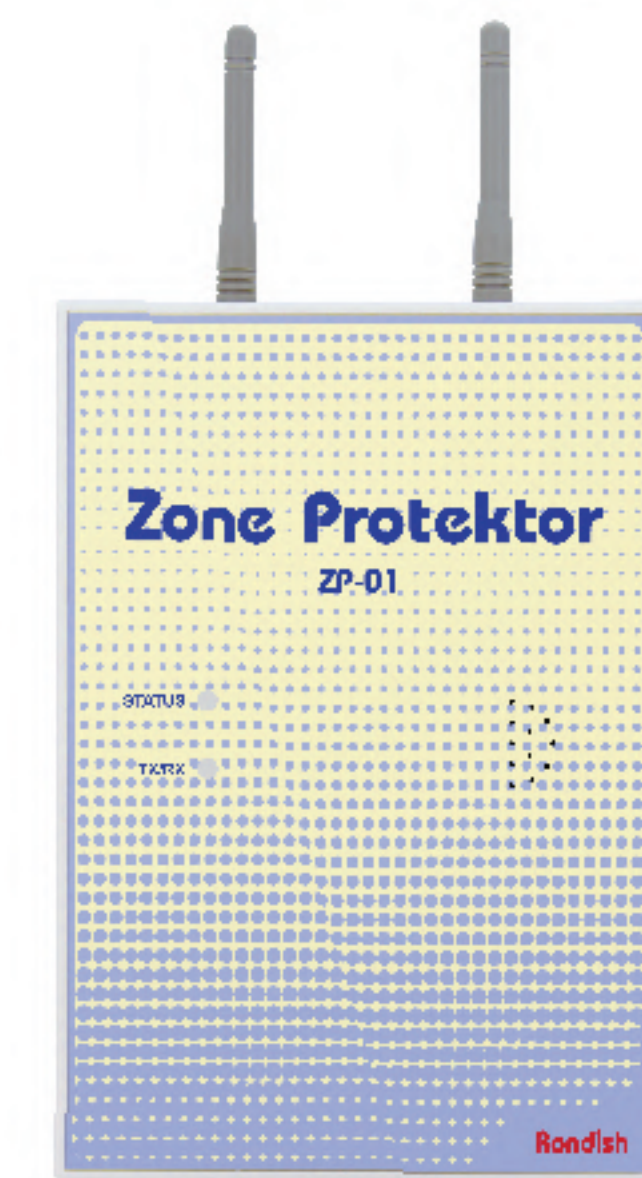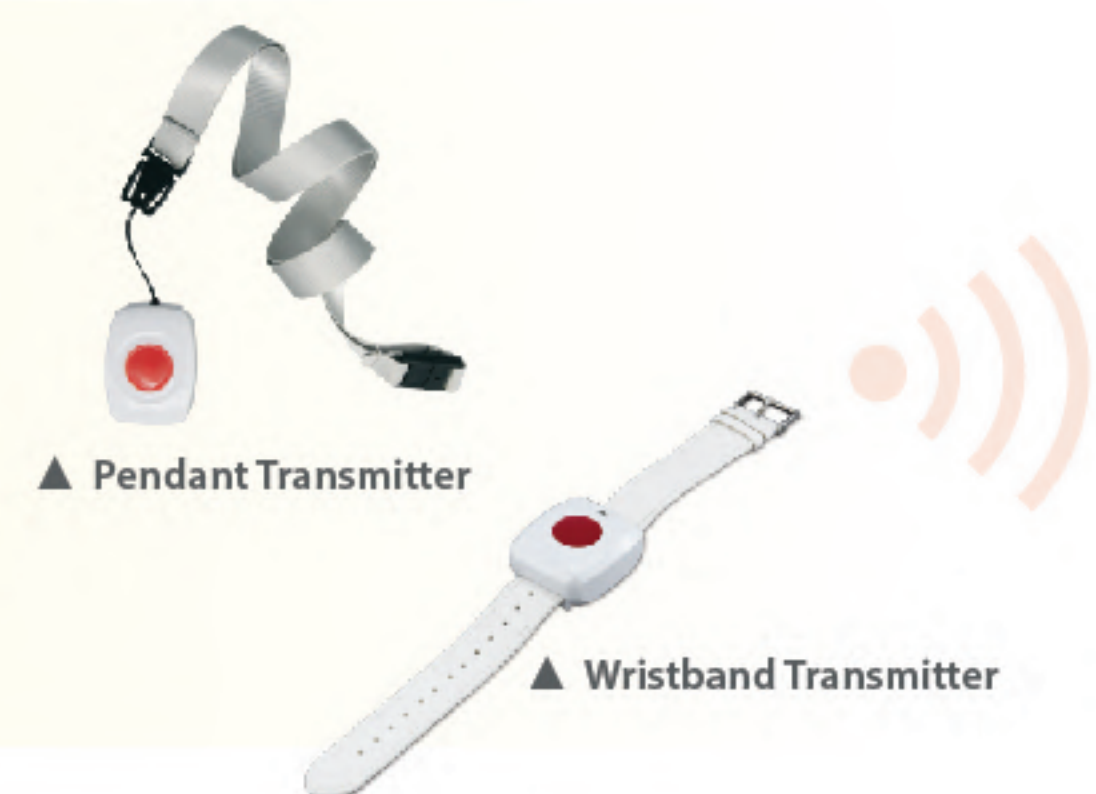## Bed head Call Point with Hand Set

A wireless 5-in-1 call button supports multi-functions including call, emergency call, presence, guard and reset. It can be connected with a nurse-call handset which allows patient easily to reach the call button.

▲ Bed Head Call Point

▲ Indicator Light

Pendant Transmitter

A pendant transmitter with a man-down detection feature detects and sends a signal if the patient falls by accident.

These remote alarms will be indicated on our CareStation display unit and shown the nearest zone to indicate where the call is located.

▲ Pendant Transmitter

▲ Wristband Transmitter

LED Display

BED ALARM 01

POCSAG Transmitter

Pager

Zone Protektor ZP-01

Zone Protektor

Care Station

Bed Pad Alarm
Ward: 0101   Bed:02

Zone Protektor (ZP-01)

Up to 48 Zone Protektors can be installed in a system and each has a range of up to 500m to the Long Range Care Station (LRCS-01) located at the nurse desk. Zone Protektors use transceivers with safe mode transmission with checksum and handshake techniques. Each Zone Protektor can accept up to 20 cordless pads and 60 fixed transmitters such as bed head call points or waterproof call buttons, etc. The fixed button transmitters can have a direct range of up to 100m to the Zone Protektor.

The Zone Protektor looks after its own area, checking that each transmitter programmed into its memory is continually checked and if non responsive will raise a fault alarm.

The Zone Protektor also has the ability to detect the signal strength (Relative Signal Strength Index or RSSI) of the incoming wireless signal and use this in conjunction with the Care Station to decide the zone where the alarm was triggered. This is particularly useful for wheelchairs and pendant/wristband alarms, and can be displayed on a computer mimic if required.

Long Range Care Station (LRCS-01)

The Care Station is an attractive looking desktop unit with easy to operate one button control. It displays all alarms on a clear 2 x 20 English character display showing the calling ID and type of alarm. It provides detail of the alarm types such as call point alarm, door alarm, bed pad alarm and so on.

Call points may be programmed to signal a variety of locations, including room, wards, and homes for residential use.

It can be connected to a computer database or directly to a dot matrix printer to record events with time and date.

In the case of remote alarms such as cordless wheelchair pad and wristband transmitter, it shows the nearest zone to indicate where the caller is located.

Fully and continually checks the whole system for faults or out of range or lost transmitters, to ensure it is working correctly.

Can use a paging transmitter for two-line English display POCSAG pagers, or GSM modem to send SMS.