

Nexus is a Wireless Nurse Call System that is designed based on UL 2560.

The solution is developed from ground up to provide a **Reliable** & **Price Competitive** wireless connection. By employing the latest LoRa (Long Range) Technology, Nexus creates **Larger Coverage** for broader and more extensive communication. The system now includes Fall Management & Wander Management Solutions to provide greater performance capabilities.



Touchscreen Master Station

- Color Coded Touchscreen Display
- Calls Ordered By Priority
- Audio Call Levels Indication
- Low Battery And Device Lost Alerts
- Event Log and Response Time Tracking
- Password Protected
- Options for Wall-mount / Desk-mount

NEXUS Key Features & Benefits:



Simple & Quick Self-Installation

Console, call points and sensor devices need no wiring. Eliminates installation complexity



Easy-To-Use

Intuitive UI design, straightforward to user and no specialized training required



Extensive Coverage

Open air range in excess of one mile



Scalable & Flexible

Unlimited capacity of call points and wide range of sensor devices that can cover an extensive physical area



Easy Deployment

Fully functional nurse call system can be deployed within a matter of minutes



Fall / Wander Management Integration
Integrates seamlessly with the fall / wander management solutions. Direct alerts to the nurse call system for central monitoring and response. Local alerts can be disabled for silent alarming



OverDoor Indicator

Visual and audible alarm, when acts as a signal repeater for extending coverage



Fault Supervision

Alerts for product faults, out of range and low battery conditions



Every event that occurs on the system is collected. Data can be exported for analysis and reporting



Reliable Backups & Rapid Recovery Capabilities

Instant recovery solution in the event of an unexpected hardware or system failure



Messaging Solutions Available

Instant notification sent to staff members via in-house pagers or smartphones



Real-time Multiple Display PanelsStaff do not have to travel far to see the location of the call

Assisted Living Facility





Fall Monitor

The CordFree monitor acts as a room controller unit. Manages up to 9 sensors and supports a wide range of sensor devices



Sensor Pad

Various types & sizes of sensor pads, include above or under-mattress bed pads, chair pads, floor mats are available



Portable Handset

A portable nurse call handset can be fastened on a bed rail. It provides the most affordable solution for bedding needs



et Bedhead Call Point

Call & Reset 2-in-1 bedhead unit is completely wireless. Battery operated with long battery life expectancy. 4P4C jack for a nurse call handset



Master Station

A touchscreen Master Station indicates calls in order of priority.

Can either stand on a desk or wall-mounted



Pendant Transmitter

The Pendant Transmitter can be worn as a wristband or pendant, and allow patients to call for emergency alarms. Automatic fall-alert is available for pendant use



Door Strip Sensor & Wristband Transmitter

Provides audible and visual alert when patient wearing wristband transmitter move within the range of protected doors



OverDoor Indicator

Provides visual and audible alarm, while acting as a signal repeater for extending coverage



Bathroom Call Point

Wireless Call & Reset 2-in-1 button is waterproof to IP65. It comes with a pull cord to ensure accessibility from the toilet or floor

Multiple Options • Proven Performance

System Components



10.1" Rugged Tablet PC • With Nexus Software Installed • IP65 • 8000mAh Battery



Overdoor Indicator

Dual Colored Indicator Light • Buzzer With Adjustable Volume • Signal Repeater • Battery Back-up In Case Of Power Low

Nurse Call Components



Bedhead Call Point

Call & Reset Buttons 2-in-1 • Call Reassurance LED • 4P4C Connection For Nurse Call Handset (NEC-12) • Replaceable Batteries • Long Battery Life



Nurse Call Handset

Easy to Press Big Red Call Button • Call Reassurance LED • Standard Cable With USB Break Point & 4P4C Connector • Comes With Wall-mounted Bracket • Compatible With WCP-11C



Bathroom / WC Call Point

Call & Reset Buttons 2-in-1 • Comes With Removable Pull Cord • IP65 Waterproof Rating • Replaceable Batteries • Long Battery Life

Active Emergency Button • Man-down Detection For Pendant • Waterproof to IP65 • Replaceable Batteries • Includes Lanyard With Anti-ligature Point · Optional Watch Strap (Not Included)



Portable Handset Easy To Press Big Red Call Button ⋅ Green Button To Reset ⋅ Call Reassurance LED • 2xAAA Batteries Operated • Comes With Clip & Plastic Wall-mounted Bracket for Storage

Fall Management Components



Monitor Up to 9 Sensor Devices • Pause Mode • Sleep Mode • Low Battery Alert • Signal Lost Alert • Tamper-Proof Reset • Delay Setting • 3 Tone Selections • Adjustable Volume • Nurse Call Output • Operates On AC Adaptor Or Batteries • Protective Cover • Hanger Strap



Early-Alert Sensor Bed Pad

Sends Alarm BEFORE Patient Has Left The Bed • Multi-Zone Detection Design • 30"x10" (76 x 25 cm) • Water Resistant • Built-in



Cordless Under-Mattress Sensor Pad

Works Beneath Most Mattresses • 30" x 10" (76 x 25cm) • Water Resistant • Anti-Microbial Surface • Works With Rondish Transmitter (TM-11v3)



Cordless Bed Pad

30" x 20" (76 x 51cm) • Water Resistant • Works With Rondish Transmitter (TM-11v3)



Cordless Floor Mat

48" x 24" (122 x 61cm) • Heavy Duty • Non-Slip Material • Works With Rondish Transmitter (TM-11v3)



Cordless Chair Pad

15" x 10" (38 x 25cm) • Water Resistant • Works With Rondish Transmitter (TM-11v3)



Cordless Foldable Floor Mat

36" x 24" (90 x 61 cm) • Foldable Design • Heavy Duty • Non-Slip Material • Works With Rondish Transmitter (TM-11v3)



Passive Infrared Sensor

LED Status Indicator • Internal Alarm Or Signal Transmit Options • Pause Mode • Easy Reset Button • Adjustable Detection Range • 3xAA Battery Operated • Low Battery Alert • DC (6V) Input Option

Wander Management Components



Door Strip SensorVisual & Audible Alert • Adjustable Sensing Range • Automatic Door Lock Option • Customize ID • Low Battery Alerts • Fault-checked



400ms Periodic Digital Transmissions • Code & Function Programmable Using Magnet Switch • IP67 Waterproof Rating • Unbreakable Strap Is Available for Option

Optional Components



3 USB Extend Docking • Support Ethernet



We aim to improve the quality of life for elderly, patients and caregivers with human-centric technology.



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