



Your Vision Digitally Engineered....

Nurse Calling Systems

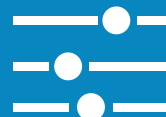
DIGI-TECH's Nurse Calling Systems empower healthcare providers with reliable, scalable, and intelligent communication solutions that elevate patient care and operational efficiency.



Wired & Wireless solution



Improved Patient care



Customizable Features

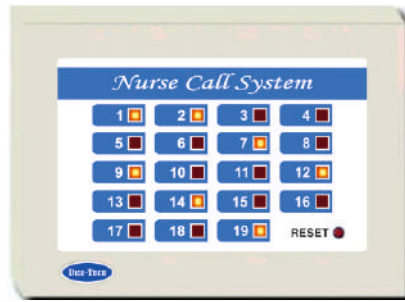


Real-time Reporting



YEARS OF EXCELLENCE

Basic Nurse Calling System- Wired (LED)



Nurse Station Panel

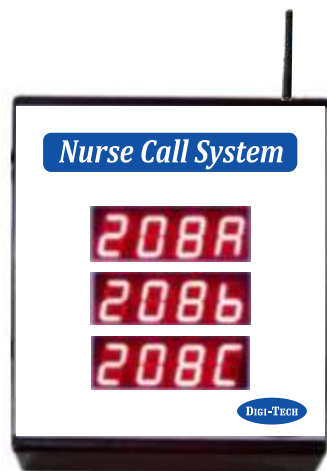


Push bell switch

A **low-cost** microcontroller-based wired architecture, this system is designed for **low power consumption** to ensure stable performance without interference or signal loss.

- Patient calls are initiated via the calling switch, instantly activating LED indication and audible alerts at the nurse station.
- Alerts remain active until acknowledged and reset.
- The nurse station panel supports **up to 19 beds** and allows **customized display** Backgrounds.
- The Panel is Wall-mounted, which operates on a **220 AC power supply**.

Basic Nurse Calling System- Wireless



Nurse Station Panel



Wall-mount
Calling unit

A **simple and low-cost** wireless nurse call system offering instant patient-nurse connectivity, perfectly suited for retrofits and dynamic healthcare settings.

- Patient calls are initiated via the handheld or wall-mount calling unit, instantly transmitting alerts to the nurse station panel and remaining active until reset.
- The nurse station panel provides a **4-digit, 7-segment, 3 Line** LED display with audible alert indication.
- The system supports **up to 25 beds**.
- It is compact, can be wall-mounted which operates on a **220 AC power supply**.

Standard Nurse Calling System -Wired (Dot Matrix)



Nurse station Panel



Calling unit



Toilet pull cord switch



Door Indicator

A **cost-effective** solution, the **Dot Matrix Wired** Nurse Call System offers precise room or bed identification with visual and audible alerts, making it an ideal choice for hospitals seeking a structured, scalable, and high-dependability patient-nurse communication platform.

- Patient calls are initiated via **bedside calling units or toilet pull cords**, instantly transmitting alerts to the nurse station panel.
- The nurse station panel displays the **calling room or bed number** on a **3-digit alphanumeric dot matrix display** with an **audible beep alert**.
- The alert remains **active until reset**.
- When a toilet pull cord is activated, the call is displayed with a **"T" suffix** (e.g., 101T), clearly indicating a toilet-originated call.
- The **Door Indicator** turns ON during a normal patient call and blinks when **Code Blue** is initiated by the nurse.
- The system can support up to **26 bed** extensions per panel.
- The **optional door indicator and toilet pull cord**, uses 4-core data cabling for all inter-unit connections.
- The Panel is Wall-mounted, which operates on a **220 AC power supply**.

Advanced Nurse Calling System- Wired / Wireless / Hybrid



An **affordable flagship** nurse calling solution with **advanced capabilities** that combines real-time dashboards, mobile nurse access, smart call forwarding, SMS alerts, and detailed reporting to deliver faster response and complete visibility across hospital wards.



- The nurse station panel displays room/ bed number on an **LCD screen** using **5-character alphanumeric**, along with a **voice announcement** for each call.
- Bedside calling units support **Call, Reset, and Code Blue** functions for routine assistance and emergency alerts.



- An RF Calling unit can also be integrated along with the above system with the **power adaptor or Battery** operated one.

- The **door indicator** turns ON during a normal patient call and blinks when **Code Blue** which is initiated by the nurse.



Door Indicator



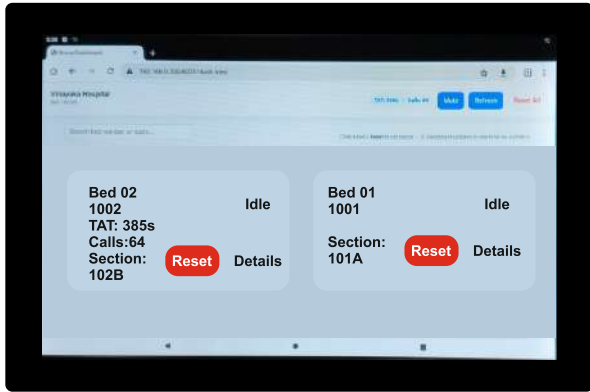
- Patient calls are re-initiated via **bedside calling units or toilet pull cords**, transmitting alerts to the nurse station over a **Wi-Fi / Hub network**.

- The panel can **simultaneously display the status of up to 15 beds** and manage **up to 30 beds per station**.
- The system is managed by a **centralized MCU** acting as a minicomputer, powered via **5A UPS connection**.

Premium Features on Advanced Nurse Calling System



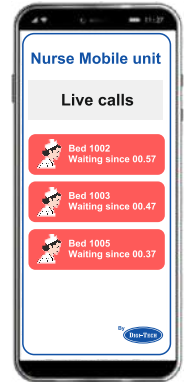
- **Mini Nurse Kiosk:** Table-top nurse station display that can also function as an alternate display at the nurse station.
- **Head Nurse Mobile Display:** Enables consolidated call monitoring from multiple nurse stations, for multi wards and multi-panel setups.



Mini Nurse Kiosk



Mobile Calling Unit



Head nurse mobile display

- **Mobile Calling Unit:** Handheld mobile unit with **Call and Reset functions**, supporting **additional service calls** such as Pantry and Housekeeping.
- **Advanced Reporting:** Allows **individual nurse station reports** and **consolidated multi-panel reports** can be downloaded from our network.
- **Report Dashboard:** Provides a **centralized dashboard** with call logs, timelines, and performance data for monitoring and analysis.
- **Call Forwarding & SMS Alerts:** Supports **call forwarding to other stations** and **SMS notifications** for faster response and improved coordination.

Turn Around Time

Report Dashboard for Nurse Calling System

12/19/2025

Restart Timeline

Bed Number	Date	Called Time	Reset Time	Emergency Time	Waiting Time
1002	19/12/2025	12.46 PM	12.50 PM	N/A	4 Minutes
1003	19/12/2025	12.20 PM	12.22 PM	N/A	2 Minutes
1004	19/12/2025	12.56 PM	12.57 PM	N/A	1 Minutes
1005	19/12/2025	12.15PM	12.17 PM	N/A	2 Minutes
1006	19/12/2025	12.05PM	12.06 PM	N/A	1 Minutes
1007	19/12/2025	12.31PM	12.32 PM	N/A	1 Minutes

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