APPLICATIONS

Hospitals : Wards, ICUs, OTs, Emergency Units, Washroom

Nursing Homes & Elder Care Facilities

Clinics & Day-Care Centers

Special Care Units / VIP Patient Rooms

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Smart Healthcare & Automation Solutions

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Wireless Nurse Calling System with RFID & Fingerprint Authentication

Smart | Secure | Reliable Healthcare Communication

INTRODUCTION

The Wireless Nurse Calling System with RFID & Fingerprint is an advanced hospital communication solution that ensures patient safety, secure nurse authentication, and accurate response tracking. By integrating RFID technology for patient identification and fingerprint authentication for nurse verification, the system provides real-time alerts, secure logging, and improved accountability.

Display

Display

Bed Remote

Washroom Remote

KEY FEATURES

- **RFID Patient Cards**
  Easy patient identification when calling

- **Fingerprint Authentication for Nurses**
  Ensures only authorized staff can respond

- **Wireless Communication –**
  Hassle-free installation, no heavy cabling

- **Instant Alerts–**
  Displayed on nurse station panel & mobile app

- **Multi-Call Options**
  Button, RFID tap

- **Real-Time Logging**
  Tracks patient call, nurse response time, and identity

- **Mobile Integration**
  Alerts pushed to nurse smartphones or tablets

- **Scalable**
  Single ward to multi-hospital setup

BENEFITS

- **For Patients**
  Quick help with RFID call button

- **For Nurses**
  Fingerprint login makes response secure & traceable

- **For Management**
  Transparent reporting – who attended, when, and how fast

- **For Hospitals**
  Eliminates fake calls, prevents negligence, enhances service quality.

TECHNICAL SPECIFICATIONS

- **Technology**
  RFID + Fingerprint + Wireless (Wi-Fi)

- **RFID Tags**
  Smart cards

- **Fingerprint Scanner**
  High-accuracy biometric sensor

- **Display Panel**
  LCD/LED Nurse station unit with patient & nurse details

- **Mobile Integration**
  iOS / Android hospital app compatibility

- **Range**
  Up to 100m (expandable with repeaters)

- **Power Supply**
  Rechargeable battery / direct power options

- **Data Security**
  Encrypted communication & event logging

Repeater

Server