



# Panic Alarm System



## Panic Alarm Controller

**Model: PAS3840**

Assisted living with emergency medical care is becoming essential for senior citizens as their children are compelled to take up assignments far away from their home towns. Such living homes must have Panic button facility at every living room and wash rooms through which alarm can be raised and notified at central medical care/security station.

Panic Alarm system is designed to get connected to 4 Panic buttons deployed in living rooms and 4 Emergency Units in the wash rooms. Call from Emergency Units is distinguished from living room buttons so that higher priority can be arranged to such calls.

The system includes a dual colour Door Indicator deployed outside facing the corridor to help care givers identify the home from where call is originated. This Door Indicator lights up in Amber to show alarm is triggered from one of the Panic buttons which it lights up in Red to show if alarm is triggered from any of the Emergency Units.

The system also provides for a centralised Panic Alarm Controller along with an LCD display of suitable size (opted by the customer) to be positioned at Central Medical care/Security station. Any alarm triggered from any of the homes will be shown on the display along with Voice message to alert staff available at the station. The system does not allow for clearing the call from Centralised station itself although it allows for acknowledging the call and thereby muting the Voice alert. This makes sure that the call givers reach the source of alarm and then clear the pending calls.

Connectivity of the Panic buttons is established through backend communication devices interconnected in Tree structure to minimize cabling. The system allows for a maximum of 3840 calling points to be scanned in less than a second time for immediate notification at the centralised station.

## **Features:**

- Very low working voltage ensures resident safety
- Door Indicator helps locating the home raising the alarm
- Allows for large LCD TV connectivity at the centralised station to view many simultaneous calls that may occur
- Hi-Fidelity Voice alert helps care givers to look into other parallel activities
- Provides for call escalation of long pending calls by sending SMS alerts to different groups at 3 different levels
- Voice volume can be set at different levels for different time slots

## Various Units associated are explained as follows:

### Panic Button Unit (PBU) :

- Houses 2 feather touch keys (PANIC ALARM, CLEAR) to raise an alarm and clear the alarm respectively.
- Integrated LED indicator to show call status.
- Gets integrated with the Palm switch for initiating a call from the bed itself.



### Toilet Emergency Unit (TMU) :

- Houses a pull cord switch to raise an alarm at the Panic Alarm Controller (PAC).
- Integrated with LED indicator to show call status.

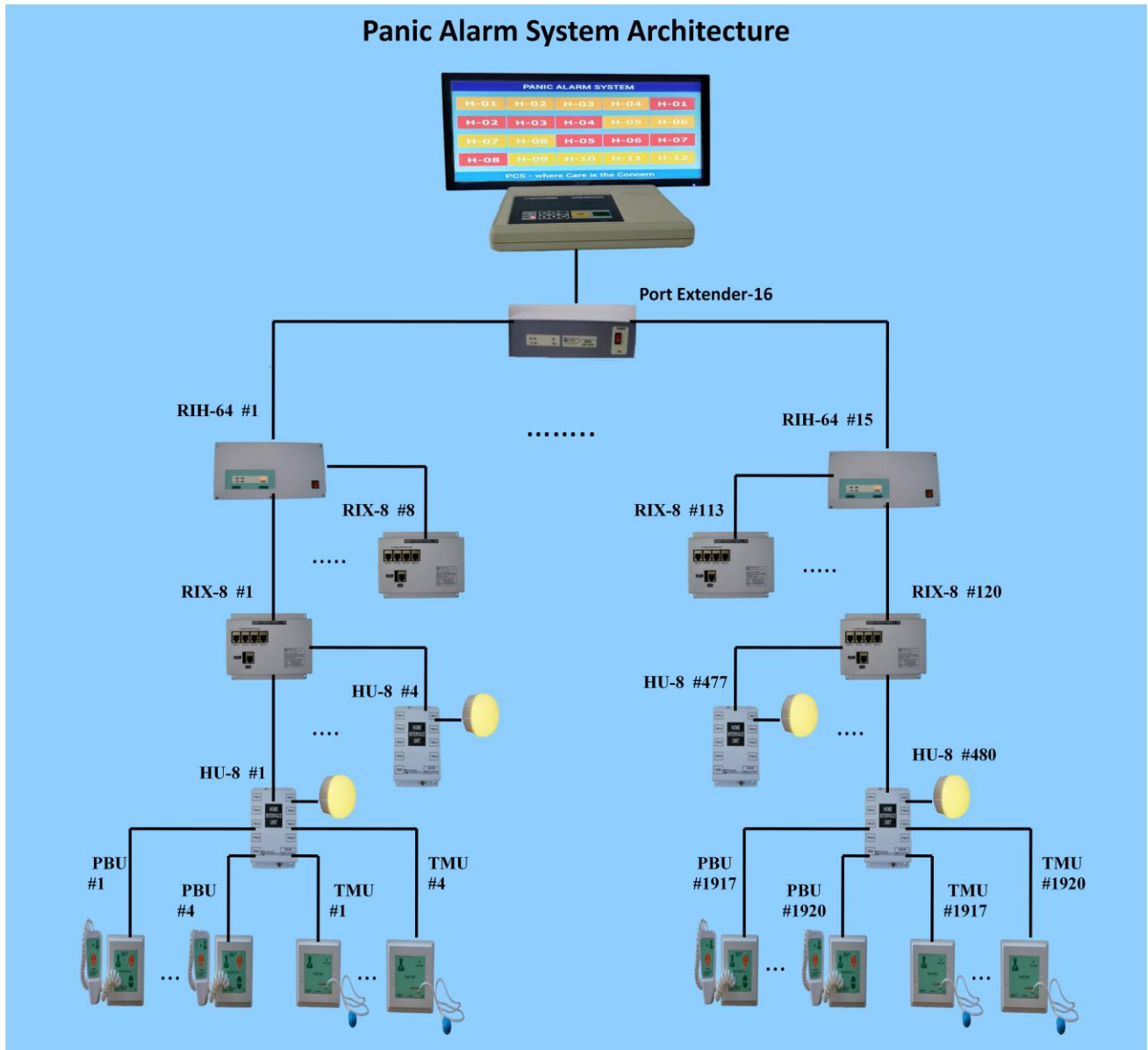


### Door Indicator (DI) :

- Houses Multi-colour super bright LEDs.
- Uses a semi circular plastic housing to enable viewing from along the length of the corridor.
- Indicates Call types.



## Panic Alarm System Architecture



### Head Office:



**PROCESS CARE  
SYSTEM (INDIA) PVT.LTD.**

No.11 & 12, 1st Floor, 2nd Block, KIADB Industrial Complex, Plot No. 488, 14th Cross, 4th Phase, Peenya Industrial Area, BENGALURU – 560 058.  
Tel : 91 80 4352 1111 / 97319 00027 / 97319 00029  
Fax : 91 80 4352 1140  
E-mail: info@datacareindia.com

### Branch Offices:

Ahmedabad: 90331-93148  
Chennai : 98400-79016,044-26160568/69  
Cochin : 97441-04999  
Delhi : 95605-09872  
Hyderabad : 96426-32244  
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**TOLL FREE No. : 1800 103 3282**

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