Nurse Call Management System

Cure-C40

CSYSTEMS®
Innovative Embedology

Features

The **Cure-C40 Nurse Call management System** is a microprocessor based architecture with intellegent embedded electronics to meet the fast and safe monitoring of patient's every needs.

Nurse Call Station (CSNCS)

The CMS is a microprocessor based intelligent system with table top / wall mountable panel. The CMS consists of a windows dedicated for each call point. The models are available in multiples of 8. The CMS operates on 12 V DC supply. A dedicated cat5e cable is connected to each nurse call point via Main distribution board.

A power button is provided to shut the power of the CMS panel. When the butte on is long pressed, the power to the panel will be shut off. A mute button is provided to silence the announcement from the panel. Test button is provided to test the working condition of all leds, room indicators, annunciator and call point.

Nurse Call Point (NCP)

The Unit is designed with soft touch key pad consisting of one key for call initiation and another for clearing call which is required to be done by the nurse attending to the patient. Addition push button switch is integrated to this unit by means of a coil cord to enable a patient to initiate a call from the bed itself. When a call is initiated, the LED blinks conforming that the call is registered. when the mute button is pressed in NCMS, the LED glows steady. When reset is pressed, the LED stops glowing.

Toilet Pull Cord (TPC)

The call is originated by pulling the cord and can be cleared by pulling it again. The LED indicator lights up if call is active. This allows the patient to initiate a call from squatting positions itself.

Room Indicator (RI)

A dome shaped indicators can be mounted on the wall near the patient's door so that, nurse walking through the corridor can see it from a distance. These are made of super bright LEDs to indicate patient's call pending which can be seen from the corridor itself. When a call is initiated, the high bright RED led blinks at 1 Hz constant. when the mute button is pressed in NCMS, the RED LED glows steadily. when the call is cleared, the RI stops glowing.

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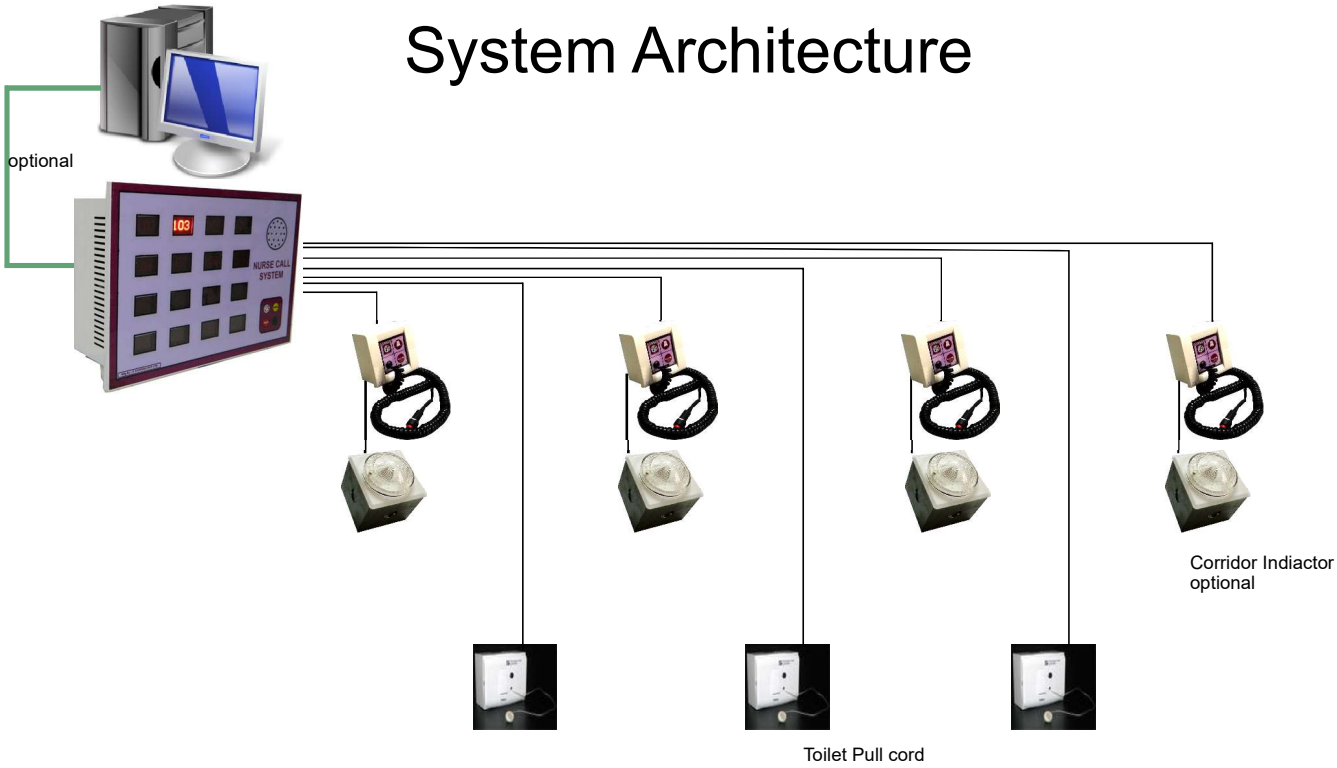
System Architecture



Nurse call station

Model No	:	Cure C-40
Input Supply	:	12V, 2A
Window indicators	:	8,16,24,32 & 40
LED Display	:	window type
User interface	:	feather touch key
connectivity	:	peer to peer
Integration	:	Modbus RTU
Dimension in mm	:	400 x 300 x 100
Environment	:	20 ~ 50 °C, 95% Rh
Weight	:	2 Kg approx

Nurse call Point

Model No	:	CSNCP
Input Supply	:	12V,100 mA
User interface	:	feather touch key
connectivity	:	peer to peer
Indication	:	LEDs for Call & Ack
User Interface	:	feather touch key
Cabling	:	Cat5e cable
Dimension	:	90x90x50 mm
Environment	:	20 ~ 40°C, 95% Rh
Weight	:	150g approx

Room Indicator

Model No	:	RI
Input Supply	:	12V,100 mA
connectivity	:	peer to peer
Indication	:	High bright Red LED
Cabling	:	Cat5e cable
Dimension	:	90x90x50 mm
Environment	:	20 ~ 40°C, 95% Rh
Weight	:	200g approx

Toilet Pull Cord

Model No	:	TPC
Input Supply	:	12V, 50mA
User interface	:	Pull switch
connectivity	:	peer to peer
Indication	:	LED for Call
Cabling	:	Cat5e cable
Dimension	:	90x90x50 mm
Environment	:	20 ~ 40°C, 95% Rh
Weight	:	300g approx

Certifications **CE** (EN IEC 61010-1:2010 + A1:2019, EN ISO 12100:2010)

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