(((WIRELESS)))
NURSE CALL SYSTEM

Innovative and Integrated Nurse Call Solution for Hospitals & Healthcare Centres

EzyCall™

1st Wireless Nurse Call

Designed, Developed & Manufactured in Malaysia

24 MONTH WARRANTY
Against Manufacturing Defect

8 YEARS
Minimum 8 Years Part Availability

Local Language Customization

Registered with SIRIM & MCMC

LoRa

www.ezycall.com.my

EZYCALL™ WIRELESS NURSE CALL SYSTEM

EzyCall™ is a powerful yet easy to use nurse call system that helps ensure vital communication throughout a hospital environment where efficiency is paramount. EzyCall™ delivers, helping save staff time, minimizing disturbance and improving the quality of patient or elderly care.

Whatever the application – be it a call system for a nursing home or hospital, for a high dependency unit – EzyCall™ is the obvious choice.

EzyCall™ facial design can be customized to suit exact operational needs of any hospital or healthcare facility. Besides English language and clear image to indicate functions, EzyCall™ can be supplied with any local language thus ensuring the patient ease of use.

Ezycall™ Wireless Nurse Call System is designed using the latest Low Power Wide Area Network (LPWAN) technology to give wider coverage and lower battery consumption. Compliant to Wireless Nurse Call Standard, the whole solution is designed from ground up to provide reliable wireless connection solution which can perform as per wired system.

We selected to use BLE5.0 Mesh technology to ensure that system has a stable operation ISM Band. This LPWAN technology designed exclusively for IOT EcoSystem which is proved to operate in dense area.

☑ Easy to **install**

☑ Easy to **maintain**

☑ Easy to **learn & use**

In house software development team.

Widely installed in government & private hospitals.

Direct from Manufacturer, able to provide customization and also fine tuning to meet delicate health care requirement.

Applications

Nurse call | Dementia Care | Dialysis Centre | Clinics

WIRELESS NURSE CALL SYSTEM

EzyCall™

KEY FEATURES

IOT TECHNOLOGY
Using LoRa Technology to ensure strong indoor penetration

IOT ARCHITECTURE
Ultra-Low Power Design, typically 2500 event form 4 x AA Battery (Energizer Ultimate)

Onboard RGB Led for each event

First in the world to have CALL, EMG, PRESENT and CODEBLUE event on wireless Nurse Call (patent pending)

First in the world to have LINK COST capability for Wireless Nurse Call function, automatically notify at Desktop Console when registered unit lost wireless link (patent pending)

Phosporescence (fluorescence) backlight for night visibility and no battery usage

IP65 waterproof for washroom pull cord

O₂ Oxygen safe handheld

Hybrid solution, wired and wireless can coexist

Ezycall software for event management

Full functional Nurse Call solution

Continuous subunit monitoring (every 30min)

SIRIM approved

MCMC registered as approved wireless device

WIRELESS NURSE CALL SYSTEM

EzyCall™

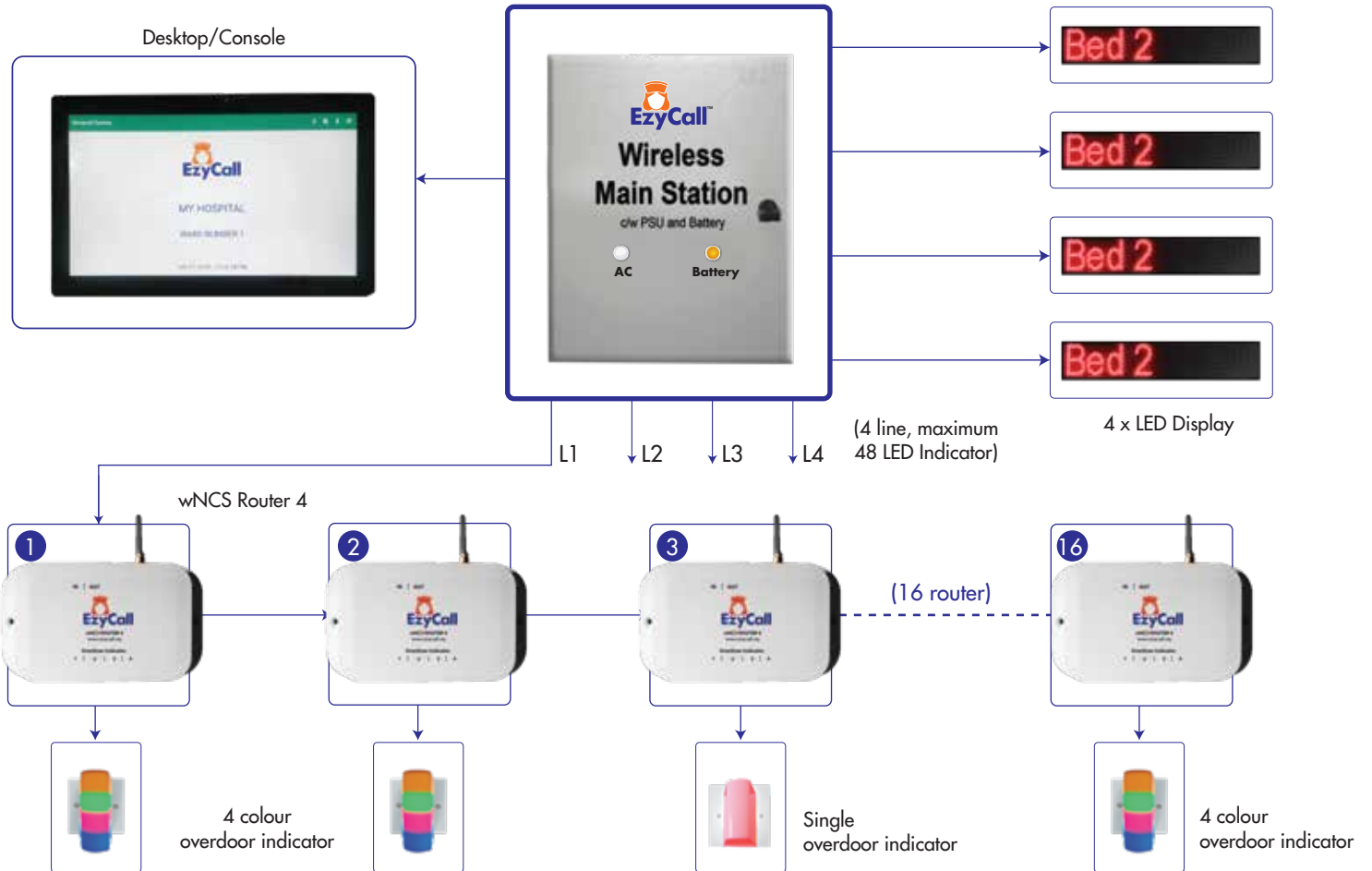| COMPONENTS	FEATURES	BENEFITS
WIRELESS BEDSIDE SUBUNIT (HPEB-WJ) EZY880-wNCS-BED	• Onboard Indicator • Onboard Sound • Wifi Enabled • Glow in The Dark • Clear & Colour Coded • Battery Sync	• Easy and flexible to view and notify the nurse. • Easy to push button and trigger by user using hand held. • Easy to clean surface with mild alcohol
HANDHELD UNIT EZY800-HH	• Easy to pull and trigger by user. • Safety in oxygen enviroment	• Easy to plug and unplug using right angle jack
WIRELESS WASHROOM PULL CORD EZY880-wNCS-PULL	• Onboard Indicator • Onboard Sound • Wifi Enabled • Glow in The Dark • Clear & Colour Coded • Antibacterial Rope • Pull Cord Holder • Water proof • Battery Sync	• Easy to pull and trigger by user. • Easy and flexible to view and notify the nurse. • Easy to clean surface and rope using mild alcohol
WIRELESS ROUTER WITH 1 & 4 ODL OUTPUT EZY880-wNCS-ROUTER1 & EZY880-wNCS-ROUTER4	• Wifi Enabled • Extend Connectivity Range • P.O.E Connectivity • LED Indicator Interfacing	• Easy and fast extending wifi range to sub unit
SINGLE & 4 COLOUR OVERDOOR INDICATOR EZY800-OD1-R & EZY800-OD4-AGRB	• For Toilet (1 color) • For Beds (4 color)	• Easy to view and notify with LED light
WIRELESS MAIN STATION CONTROLLER EZY880-wNCS-MainStation	• Up to 4 LED Display • Internal router • Ethernet Connectivity • P.O.E Connectivity • Support up to 300 beds/toilets • 1 Desktop /Console Output	• Built-In Power Supply and Battery Backup
WIRELESS NURSE COUNTER DISPLAY PANEL – 18.5" EZY880-wNCS-NCP18	• Touch Screen • TFT Display 17" inch • USB Output • Configuration Apps • Ethernet Output • P.O.E Power Output • Trigger Message Screen • Battery Health Apps • Data HTML Output • Export Output • Link Lost Connectivity • Adjustable Sound File	• Easy and friendly configuration platform with Trigger Screen, Battery health check and Data download. • Easy to define name and function output • Easy to sync sub unit with one touch screen.
WALL MOUNT LED DISPLAY & CORRIDOR LED DISPLAY EZY800-LED-SINGLE & DOUBLE	• LED display output • Volume adjustable nob • 10 character text • 4 output colour (Amber,Green,Red,Blue)	• Easy to visualize text message and sounder

MODULES & COMPONENTS OVERVIEW

EzyCall™

Desktop/Console

Wireless Main Station
c/w PSU and Battery
AC   Battery

Bed 2

Bed 2

Bed 2

Bed 2

(4 line, maximum 48 LED Indicator)

4 x LED Display

L1   L2   L3   L4

wNCS Router 4

1   2   3   (16 router)   16

4 colour overdoor indicator

4 colour overdoor indicator

Single overdoor indicator

4 colour overdoor indicator

WIRELESS BEDSIDE SUBUNIT

WIRELESS WASHROOM PULL CORD

WIRELESS NURSE CALL SYSTEM

EzyCall™

Integration with Health Care Management System (HMS)

We support TCP, UDP, HTTP--POST,HTTP--GET, Text File and XML Output.

This information can be used for Billing System.

We also can import data from HMS system, parameter such as patient name and duration the bed will be used.

Certifications & Regulatory Approval

We are certified with

001
Cert. No: KLR-6010698

MS ISO/IEC 17021:2011
QS 12022007 CB 06

SIRIM

MCMC

| EN ISO 9001:2008 | BS EN ISO 9001:2008 | MS ISO 9001:2008 | ISO 9001:2008 |

Regulatory Approval

CISPR 22:2006

Radio Disturbance Characteristics Limits

IEC 61000-4-2 : 2001

Electrostatic Discharge Immunity Test

IEC 61000-4-5 : 2001

Surge Immunity Test

Designed with reference to

| UL 1069 & UL 2560(USA) | AS 3811 (Australia) | HTM 2015 & HTM 08-03 (UK) |

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