

# NURSE CALL SYSTEM





## WHO WE ARE

PT. Australindo Graha Nusa was founded in 1980 as the sole agent for one of the world's well-known electrical brands and has now developed into one of the largest electrical wiring equipment and accessories companies in Indonesia.

In order to best serve our clients interest, in 2011 we decided to establish our own electrical wiring devices and accessories brand.

BQSS offers a complete range of electrical products that include Switches & Sockets, PVC Conduits, Low Voltage - Medium Voltage, Electro Medical & Nurse Call System.

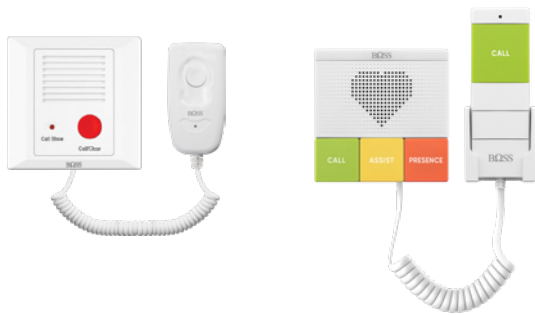
We specialize in  
integrated electrical  
solution for residential,  
architectural, commercial,  
& medical applications.

**45<sup>+</sup>**  
YEARS  
**1500<sup>+</sup>**  
Projects



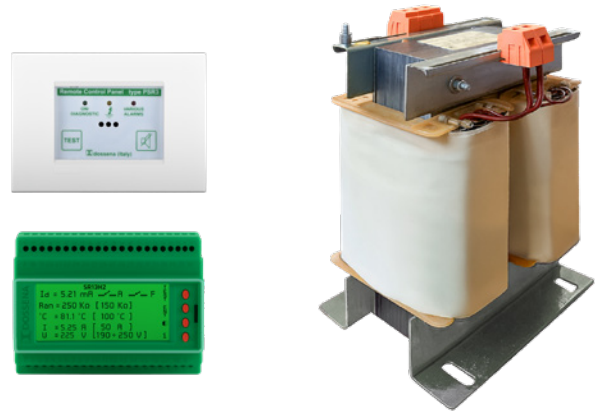
Aiming to deliver efficient patient care and high-quality nursing communication, the BOSS Nurse Call System has evolved from its proven analog-based 2-way communication to an advanced SIP platform. This upgrade enables seamless real-time voice over IP, improving clarity, flexibility, and integration with modern hospital networks.

Built for reliability and ease of use, the BOSS system ensures smooth coordination between nurses and patients, shortens response time, and enhances overall care efficiency. With continuous positive feedback from hospitals nationwide, BOSS remains a trusted solution for dependable nurse call communication systems.



Founded in 1962 near Lodi, Italy, Dossena began as a manufacturer of electrical panels and later expanded into electronic equipment production in 1974. Today, Dossena offers a wide range of products for energy saving, power factor correction, supervision, and electrical measurement systems, serving industrial plants, alarm systems, and test equipment.

With over 50 years of experience, Dossena maintains high standards of quality and reliability through rigorous in-house testing covering aging cycles, temperature resistance, and climatic chamber trials to achieve a low failure rate below 1%. The company is ISO 9001:2000 certified and fully compliant with international CE and IEC standards.



Aptus Pro AU Series Hybrid IP is an Australian Standard AS3811-compliant nurse call solution built on proven technology and industry standards. Designed for both aged and acute care facilities, it features user-serviceable components, hot-swappable call stations, and intuitive programming for reliable and simplified maintenance.

Web-based and monitored 24/7/365, the system ensures quick response and peace of mind. With an uptime guarantee and responsive support, Aptus Pro maintains continuous operation and efficiency in critical healthcare environments.



Founded in 1972, ESCO has a long-standing reputation for delivering quality electrical, gas, and data solutions across medical, commercial, industrial, and data sectors throughout Australia, New Zealand, and Asia. Built on ergonomic design, reliability, and compliance with AS/NZS3000, AS/NZS3003, AS/NZS3190, and IEC 60204-1, ESCO products offer flexibility, safety, and easy expansion to meet evolving user needs.

With ongoing innovation and strong customer support, ESCO continues to provide durable, high-performance solutions trusted for years to come.





BNC-IP Y501YE-CAP









## SIP Unit Call

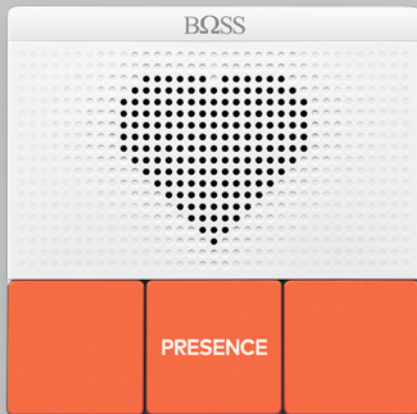
BQSS SIP Unit Call is specially designed for hospital home-based care, nursing house and other indoor application, realizing the emergency communication, security protection, broadcasting, etc.

They feature HD audio, 2 SIP (Session Initiation Protocol) accounts, detachable DSS keys, IP44 waterproof and dustproof. It provide different installation modes of standard 86 box embedded and wall mountable ( 2 way communication experience ).

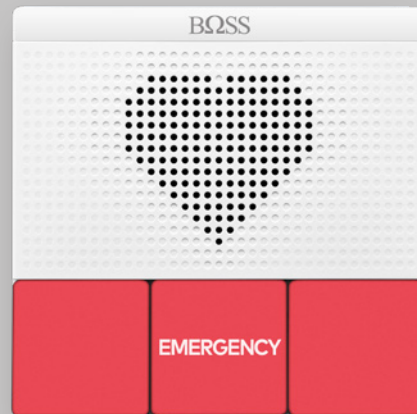
### Specification

Material	ABS
Power Supply	48V DC (PoE)
Communication Protocol	SIP 2.0
Connection	RJ45

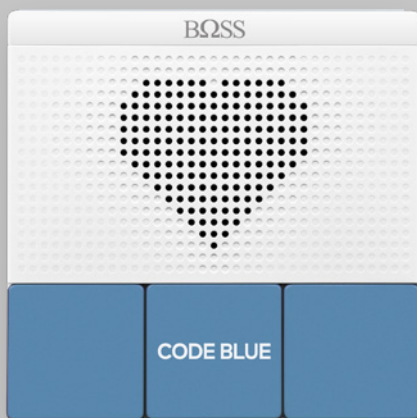
-  Features 2 SIP accounts and 6 antibacterial material detachable function buttons
-  Support HD audio with codec G.722 and Opus
-  Built-in 1 short circuit input / output interface
-  IP44 water & dust protection
-  Support PoE power supply
-  Support wall mountable installation and 86 box embedded installation



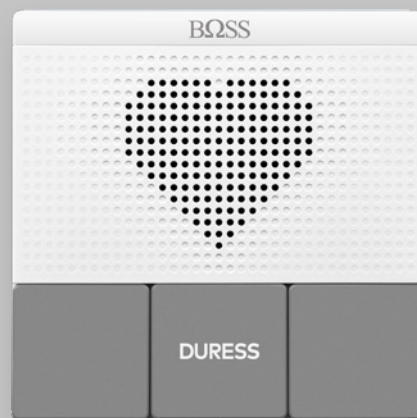
BNC-IP Y501YE-P



BNC-IP Y501YE-E

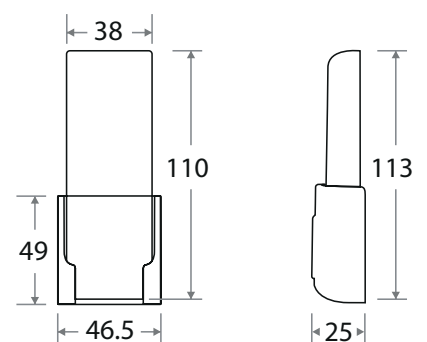
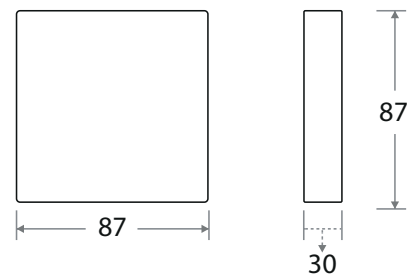


BNC-IP Y501YE-B



BNC-IP Y501YE-D

BNC-IP-Y501E-Xv	
Product Dimensions (L x W x H)	87 x 87 x 30 mm
Material	ABS
Color	White
Power Supply	48V DC (PoE)
Communication Protocol	SIP 2.0
Connection	RJ45
Installation	86-Type Box



## Bathroom Call



BNC-IP-KT31

BQSS Bathroom Call is a wall-mounted emergency button, which is mainly used in places such as bathrooms to provide immediate help to users in emergency situations. This call allows users to signal help easily and quickly.

BNC-IP-KT31	
Applicable Models	BNC-IP-KT31
Product Dimensions (L x W x H)	86 x 86 x 17,7 mm
Material	ABS
Number of keys	1
Operating Life	50,000 Times
Protection Grade	IP54
Pull-cord Length	2 meters
Working Temperature	-20~ +55°C

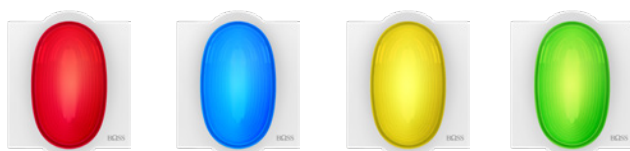
## Door Light



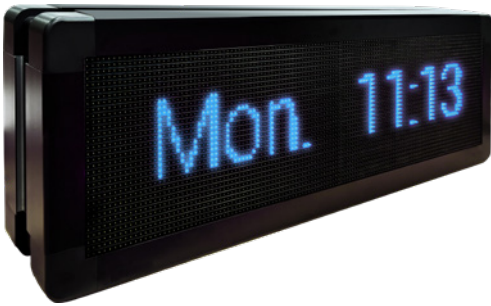
BNC-IP-CL-01

BQSS Door Light is a medical door light that utilizes the 485 protocol for communication. It is primarily installed at the entrance of patient rooms and can display four colors: red, green, blue, & yellow. This functionality allows for precise indication of various call levels, aiding medical staff in swiftly identifying room status and enhancing overall efficiency and safety in medical operations.

BNC-IP-CL-01	
Applicable Models	BNC-IP-Y501Y-X BNC-IP-Y501YE-CAP
Product Dimensions (L x W x H)	85,5 x 97,5 x 44 mm
Material	ABS
Device Color	White
LED Color	Red, Green, Blue, Yellow
Power Supply	12V DC
Communication Protocol	RS485
Connection	4PIN PH=2.0MM
Installation	86-Type Box/Mountable



## Display Annunciator



BNC-IP-CMD-01

BOSS Display Annunciator is designed for hospital, nursing homes, assisted living centers, and clinics. It connects to the master nurse station BNC-IP-A320 via the local network, allowing real-time information updates.

BNC-IP-CMD-01	
Product Dimensions (L x W x H)	668 x 115 x 215 mm
Screen Sides	Dual-sided display
Dot Matrix Resolution	128 x 32 dots
Display Colors	
Display Mode	Scrolling sideways
Power Consumption	60W

## Nurse Mobile Handset



W611W



W610W

BOSS Nurse Mobile Handset series ensures reliable and efficient wireless communication across hospital environments, enabling nurses to stay connected and respond quickly to patient needs.

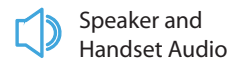
The W610W is a lightweight, portable Wi-Fi handset that supports dual-band 2.4GHz & 5GHz for stable and seamless connectivity.

The W611W, with its IP67 rating, is waterproof, dustproof, and impact-resistant up to 1.8 meters. Built for durability and long-lasting performance in demanding conditions.

Model	W611W	W610W
Protection Level	IP67 (waterproof & dustproof)	-
Wi-Fi	Dual-band 2.4 GHz / 5 GHz (Wi-Fi 6)	Dual-band 2.4 GHz / 5 GHz
Display	2.0" 240x320 color screen	
Drop Resistance	Up to 1.8 meters	
Roaming	IEEE 802.11 k/v/r	
Bluetooth	Bluetooth 5.0	



## IP Nurse Call



BOSS Master Nurse Station provides users with an intelligent and smooth touch operation experience. Featuring 116 DSS keys, a 10.1-inch color touch screen, Wi-Fi, and Bluetooth, it enables smart and simple daily communication.

It has a built-in adjustable camera and an HD handset, delivering a great audio and video experience for group conferences.

### Highlight


- 10.1-inch touch screen, 116 DSS keys
- 20 SIP Lines
- Support 10-way audio conferencing and 3-way video conferencing
- Built-in adjustable 8 mega-pixel camera with a privacy cover
- Support HD audio with G.722 and Opus
- Support video codec H.264, providing premium HD video calls
- Built in 2.4G/5G Wi-Fi and Bluetooth 5.0
- Dual Gigabit ports, Integrated PoE



 5.0 Bluetooth Connection

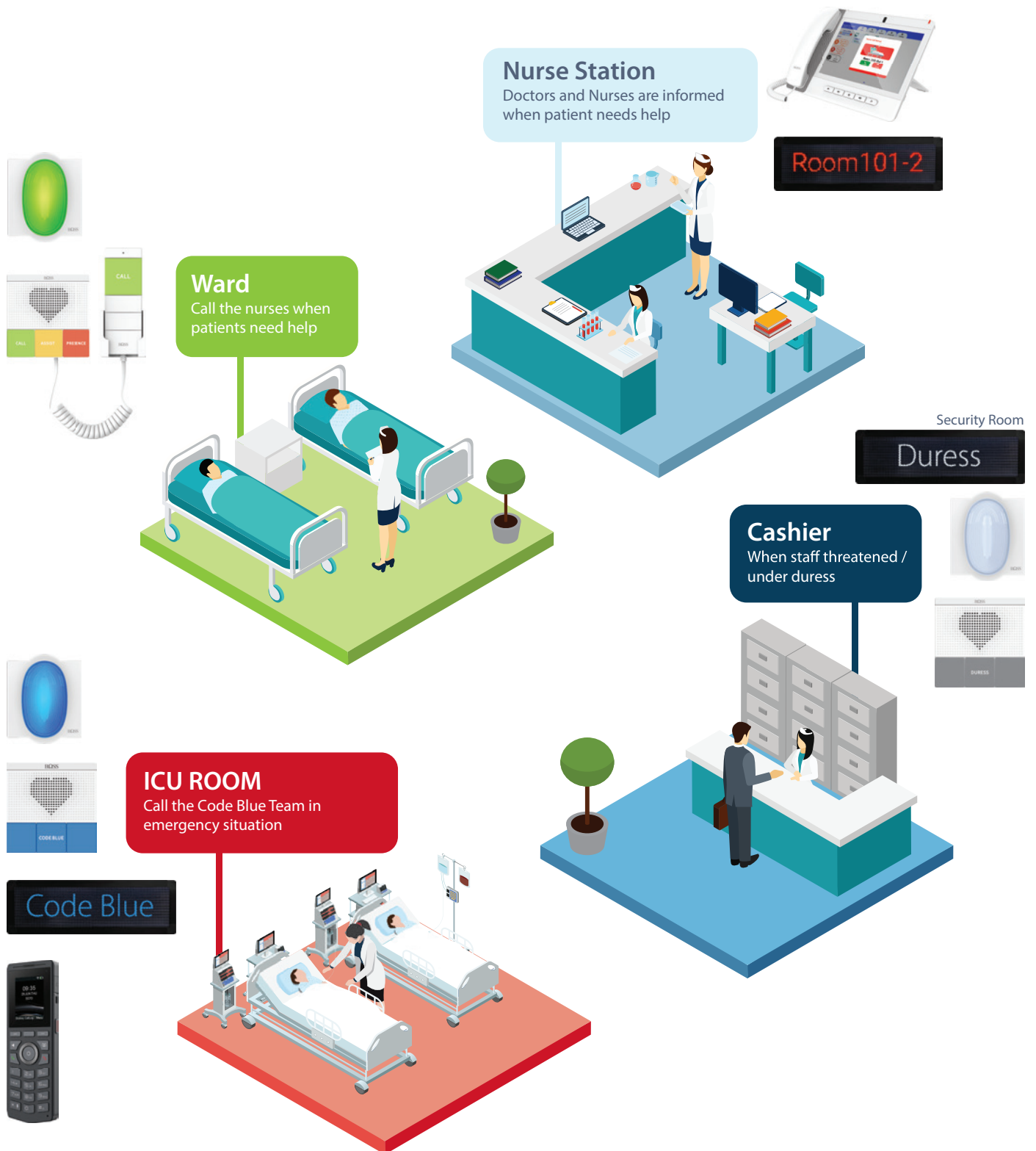
 2.4G/5G Wi-Fi Connection

 10.1 inch Touch Screen

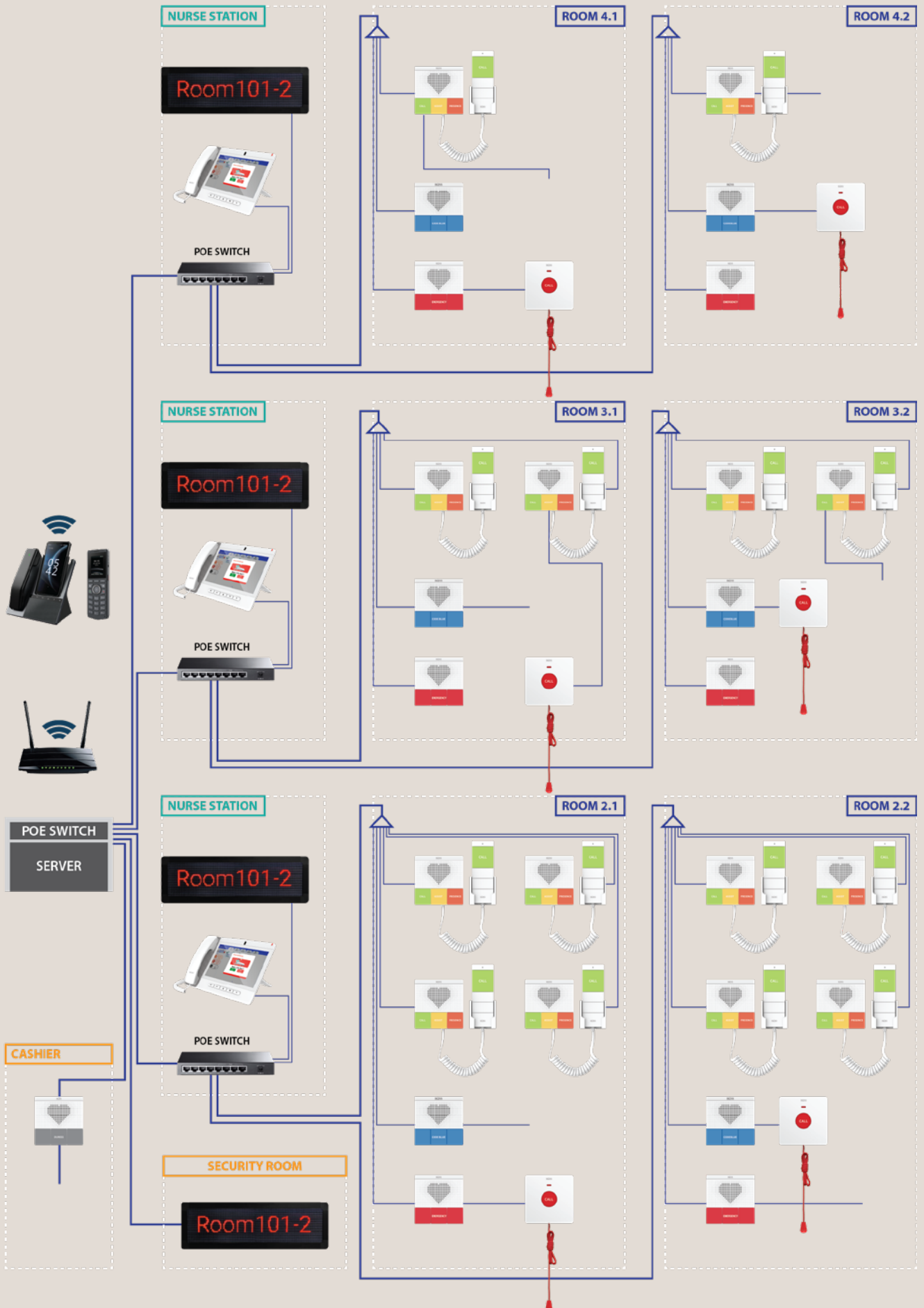
 10.000 Entries Call Logs  
1.000 Entries Phonebook

BNC-IP-A320	
Product Dimensions (LxWxH)	307 x 97,5 x 45 mm
Device Color	Grey ( White : customizable)
LCD	10.1 inch (1280 x 800 px) color touch screen
Power Supply	5V/2A or PoE
Installation	Desktop
Working Temperature	0~45°C

## Application Scenario



## Wiring Diagram

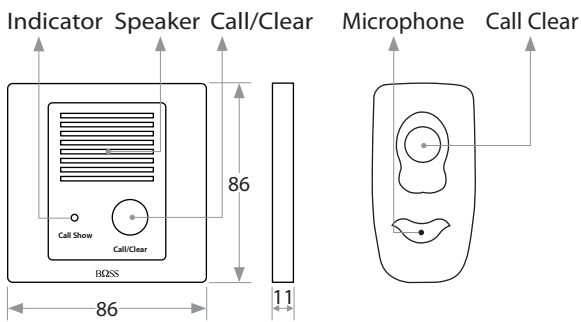


### Call Station Complete with pendant

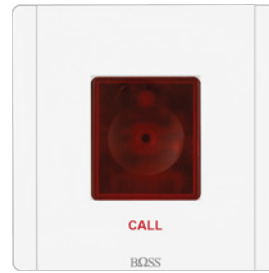


BNC986

BNC986	
Mounting	British Standard Grid Plate



### Bathroom Call

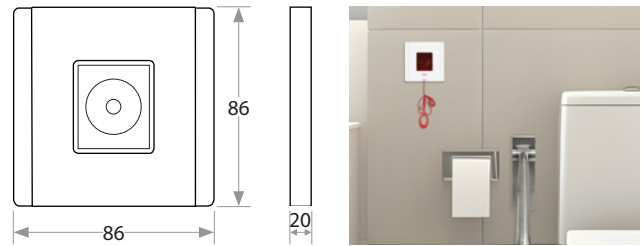


BNC811



BNC811L

BNC986	
Mounting	British Standard Grid Plate
Material	ABS
Feature	Waterproof extension in toilet



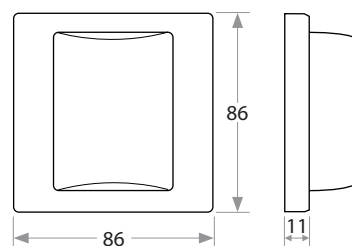
for disabled toilet

### Door Lightt



BNC586

BNC586	
Mounting	British Standard Grid Plate
Material	ABS
Lamp Color	Red, green, or blue
Location	Door light at the ward door



## System Operation

### 1. Call Station, Call the Host.

A patient can press the paging key on the call station or paging key on its pendant. Then the call station light indicator flashes and you will hear a beep, which means the paging is successful. There is no need to press the button for a long time. At the same time, the host will display the bed call station and repeat it later. The hallway display panel will show the call station number. Also the corresponding box of the patient list will flash red light and the host background music will sound. Multiple pages will be stored and displayed in the order of paging time.

### 2. Host Answers Call from Call Station. (2 ways communication).

When an call station call the host, its LCD display will show the call station number. You can press the Define/OK key or pick up the phone handset to answer a call. Once the call is finished press return key or simply put the handset back. The host then is back to normal state.

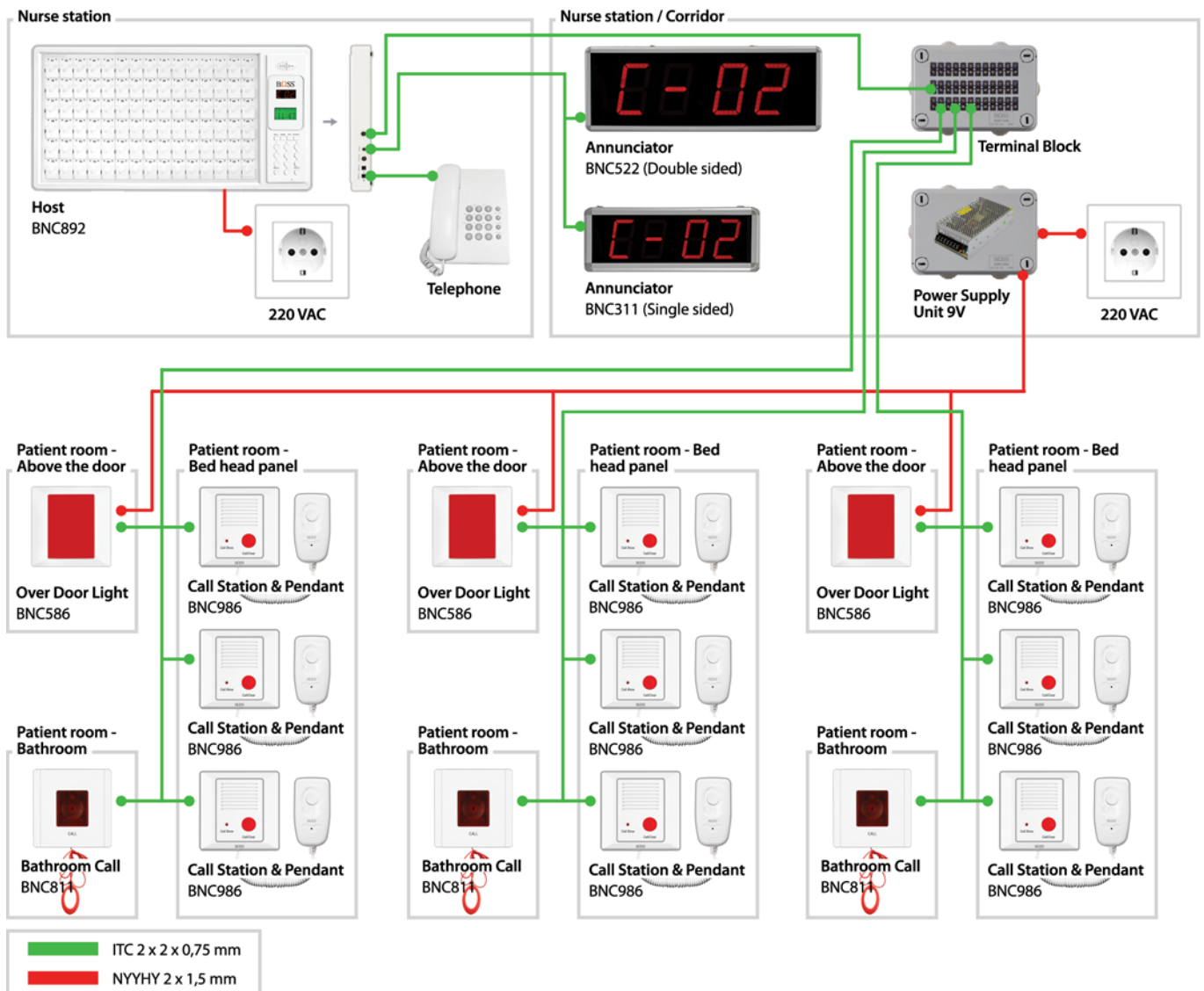
### 3. Host Pages and Calls Call Station.

Pick up the phone handset, press the corresponding call station ID number (e.g. 08) and then press #. The call station indicator light will be on and it beeps to give a reminder. Now the patient can talk to the nurse. Once the call is finished, the nurse put the handset back to disconnect. The call station indicator light is off afterwards.

### 4. Patient Bed Number and Severity Register.

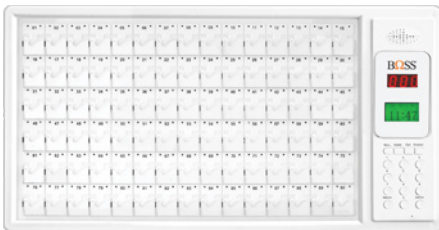
The host must be set up for a patient according to the admission notice and medical record when the patient comes in. A nurse assigns a bed to a patient according to the vacancy showed on the patient list as well as the sickness severity and symptoms. The nurse must remember the bed call station number. Fill the patient card and place it in the corresponding box in the patient list. Set severity level for the patients.

### Schematic Diagram

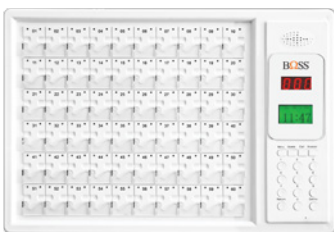




## Host



BNC892

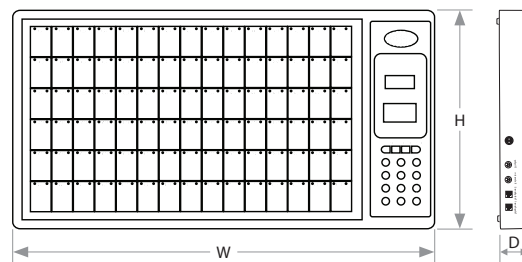


BNC862

### Product Features

- Nursing grade indicators, with multifunction display.
- Store the extension number when the call is not picked up by the Host.
- Music sounds, LED displays and broadcast reports bed number when patient calls.
- Two-way calling and talking between Host and Extensions.
- Show time, date & number online automatically.
- Background music settable, volume adjustable.
- Broadcast times and circulate times optional.
- Inpatient statistics & Broadcast function.

Specification	
Power Source	90~240Vac, 50/60Hz
Working condition	Temperature -10°C~45°C Relative humidity < 85%
Working method	Continuous
Power consumption	< 75W
Main power supply	25+1Vac (ext) 27+1Vac (displays)
Number of patient cards	90 pcs (BY892) 60 pcs (BY862)
Max. of paged patients	100pcs



Cat. Number	Gates	W	H	D
BNC892	90	825	420	50
BNC862	60	600	420	50



## Display Annunciator

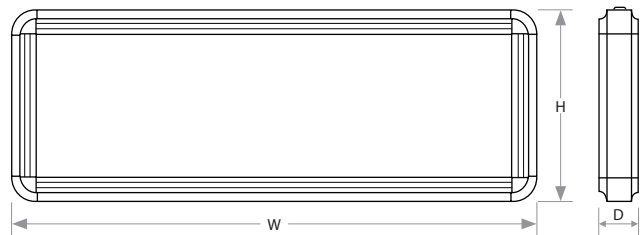


BNC522

Specification	
Screen display	Double side (BNC522) One side (BNC311)
Installed at	Hallway or corridor (BNC522)
Display info	Extension number/ displays time when there is no call.



BNC311



### Display Preview



Time



Call from patient bed

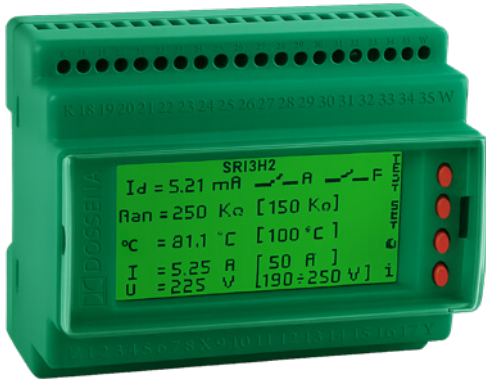


Call from patient bathroom

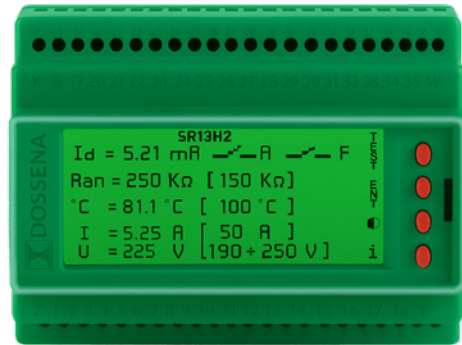
		W	H	D
Cat. Number	Display	600	200	33
BNC522	Double Side	335	125	33
BNC311	Single Side			



## Insulation Monitoring Device



9SRI3/H2FL6RS485



9SRI3/H2INJRS485

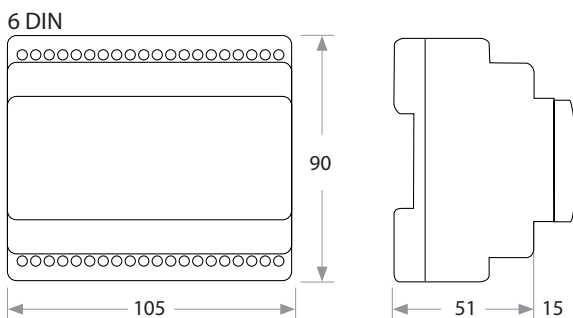
### Product Features

The range of insulation surveyors series SRI3 provides a continuous monitoring of insulation in LV system, single and three phase, with neutral insulated from ground (IT systems). In fact, only the IT distribution systems can ensure greater continuity of service in the event of the first earth fault.

In these systems, the circuit breaker does not intervene, since the current fault is limited by the high insulation impedance. The distribution systems IT are therefore used where continuity of service is a fundamental requirement for damages that a productions interruption can cause.

The SRI3 series is the ideal solution for every applications, whether in industrial, hospital and photovoltaics fields by ensuring maximum efficiency and safety. The SRI3 surveyors have been developed to work for the continuous supervision of parasitic resistance to ground in IT systems.

Their small size, their versatility, ease of use and simple installation make the devices usable in a large number of applications. Suitable for systems AC, AC/DC and DC applications.

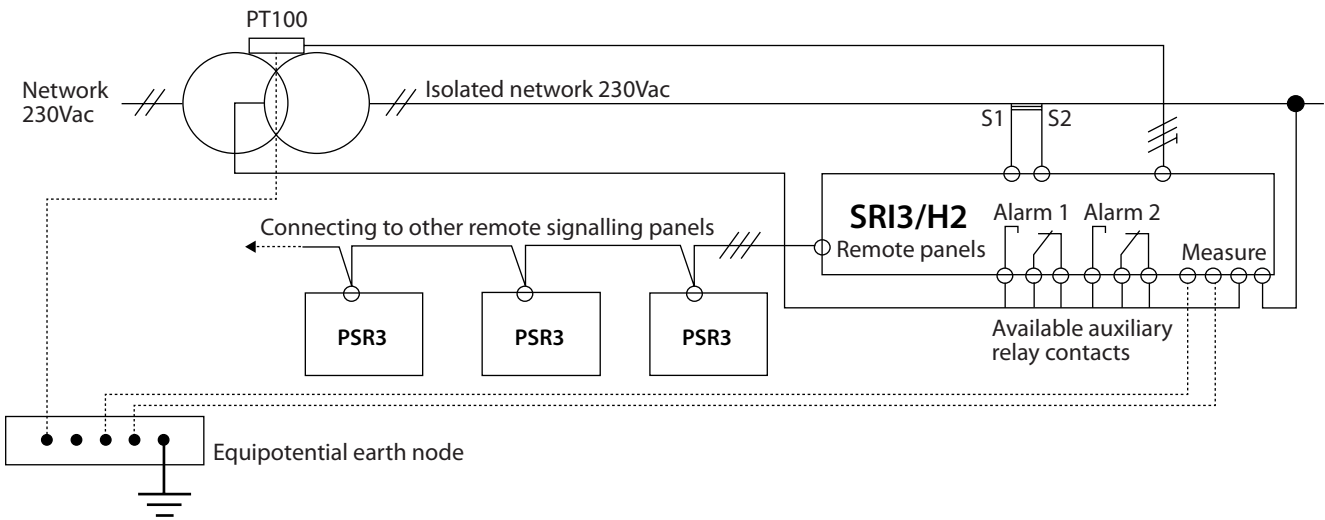


Cat. Number	Description
9SRI3/H2FL6RS485	Insulation Monitor Device (IMD)
9SRI3/H2INJRS485	

Technical Features	
Aux Power Supply	115-230 ac
Type of networks to control (Vac)	230 Vac
Dimension	6 DIN Modules
Weight	530 gr
Applications	Electro Medical
Method of measurement	Injection of variable signal frequency
Calibration field	50 KΩ ÷ 1 MΩ
Visualization mode	LCD display
Visualization mode of insulation measurement	Numeric
Output contacts	n° 2 NO-C-NC 5A 250Vac
Serial output (option)	RS485 modbus standard RTU
Remote panels	Model PSR3
Amperometric overload control	by CT
Diagnostic	Permanent control of : - Inboard electronics - System connection - Inboard temperature - Voltage presence
Distribution system	IT
Insulation class (frontal)	II
Self-extinguishing	Case cl. V0
Reference Standards	IEC 615557-8 IEC 615557-9 IEC 60364-7-710

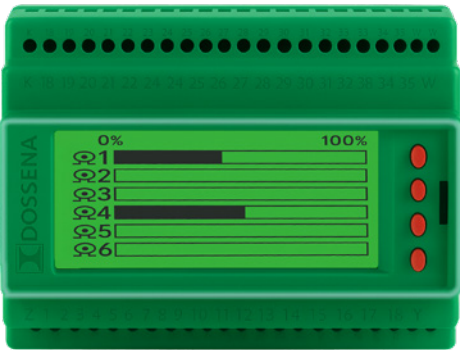
Cat. Number	Description
9SRI3/H2FL6RS485	Relay for permanent control of insulation for electro medical application with integrated fault location function (up to 6 departures)
	Network to control : $\leq 230\text{Vac}$ .
	2 intervention thresholds.
	Calibration : 50 Kilo-Ohm ÷ 1 Mega-Ohm.
	2 independent contacts NO-C-NC.
	Visualization by display of insulation and alarms for : Temperature - overload current - over/under voltage.
	Insulation loss.
	Up to 4 remote panels - connectable.
	Option serial output RS485.

**ELECTRO MEDICAL APPLICATION**

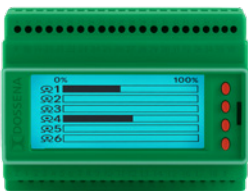


# Insulation Monitoring Device

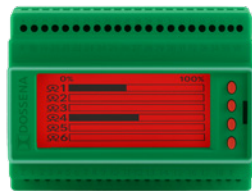
With fault location function



9SRI3/H2INJRS485



SET UP

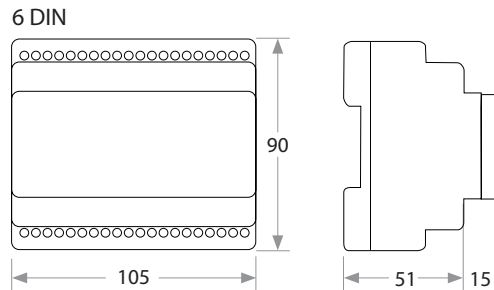


ALARM

## Product Features

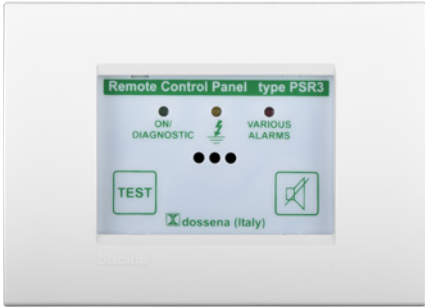
When insulation resistance drops below the set threshold, the relay trips and the display changes color to clearly indicate IMD alarm status.

If fault location is in automatic mode, it starts immediately; otherwise, it can be activated manually. During fault search, "LOCATING" appears, showing the status for each monitored line. Sensors (toroids) are required on each line. After locating, results are sent via serial communication and shown on the display to indicate which line has insulation loss. The system supports two alarm thresholds (pre-alarm and fault) and each relay setting is configurable.

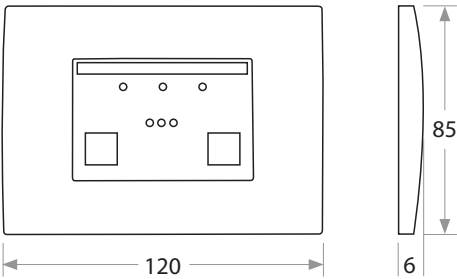


Cat. Number	Description
9SRI3/H2INJRS485	Relay for permanent control of insulation for electro-medical application with fault location function integrated (up to 6 departures).
	Network to control : <230 Vac.
	Calibration 50 Kohm ÷ 1 Mohm.
	2 independent contacts NO-C-NC.
	Serial output RS485.
9SRI3/H2INJ2RS485	Alarms for : temperature - over current - over/under voltage - insulation loss - disconnection to transformer, to ground, to connection of measure and alarm for no-connection of remote control panel.
	Max. 36 departures / branches
	Expansion dedicated to fault location search on different departures present on electro medical system.
	Serial output RS485.
9H2/FL12RS485*	It's mandatory the use of this expansion device with the SRI3/H2INJRS485 signal injector for right working.
9H2/FL18RS485**	Max. 12 expansion departures / branches to monitor.
	Max. 18 expansion departures / branches to monitor.

## Remote Control Panel



9PSR3



Cat. Number	Description
9PSR3	Remote Control Panel

## Isolation Transformer



9TH Series

Standard normative  
IEC 61558-2-15

### Single Phase

Cat. Number	Description
9TH30DA2	3kVA, 230Vac / 230 Vac + PT 100
9TH50DA2	5kVA, 230Vac / 230 Vac + PT 100
9TH75DA2	7,5kVA, 230Vac / 230 Vac + PT 100
9TH100DA2	10kVA, 230Vac / 230 Vac + PT 100

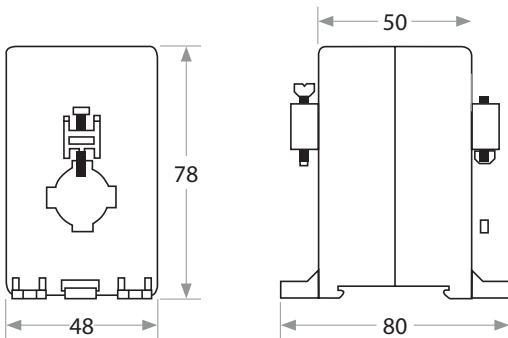
### Three Phase

Cat. Number	Description
9TH30DA2/3PH	3kVA, 400Vac / 230Vac + PT100
9TH50DA2/3PH	5kVA, 400Vac / 230Vac + PT100
9TH75DA2/3PH	7,5kVA, 400Vac / 230Vac + PT100
9TH100DA2/3PH	10kVA, 400Vac / 230Vac + PT100

## Current Transformer



9TAB1/50



Cat. Number	Description
9TAB1/50	50/5 A Current Transformer

## Toroids



9TD15

Cat. Number	Description
9TD15	Toroids Ø 15 mm, type openable (split core), to be installed on each departure you want to monitor.

## EVO LCD



9EVO

Cat. Number	Description
9EVO	Monitoring system data logger

### OM Vigilant Series



ESOMVR10  
RCD Vertical



ESOMHR10  
RCD Horizontal

#### Product Features

Circuit identification provision "Power Available" and "Line Power" Indicator

Technical Features	
Mounting	Australian Standard Grid Plate
Rating	230-250Vac 50Hz
Load	20 amp RCD
Protection	10mA
Frame Colour	White, Blue & Red
Trip Time	≤ 40ms
Orientation	Vertical (ESOMVR10) Horizontal (ESOMHR10)
Material	High Impact Polycarbonate
Standards	ISO22196 AS/NZS3003 AS/NZS3190

### Equipotential Single Stud

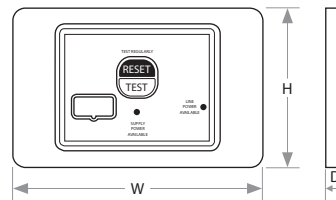


#### EPST

#### Product Features

Equipotential Earth Stud provides a means to connect a piece of medical equipment to the equipotential Earthing System.

- Equipotential stud terminal & grip type nut.
- Equipotential stud clearly identified in green.
- Screw clamping system for effective equipotential earthing connection.

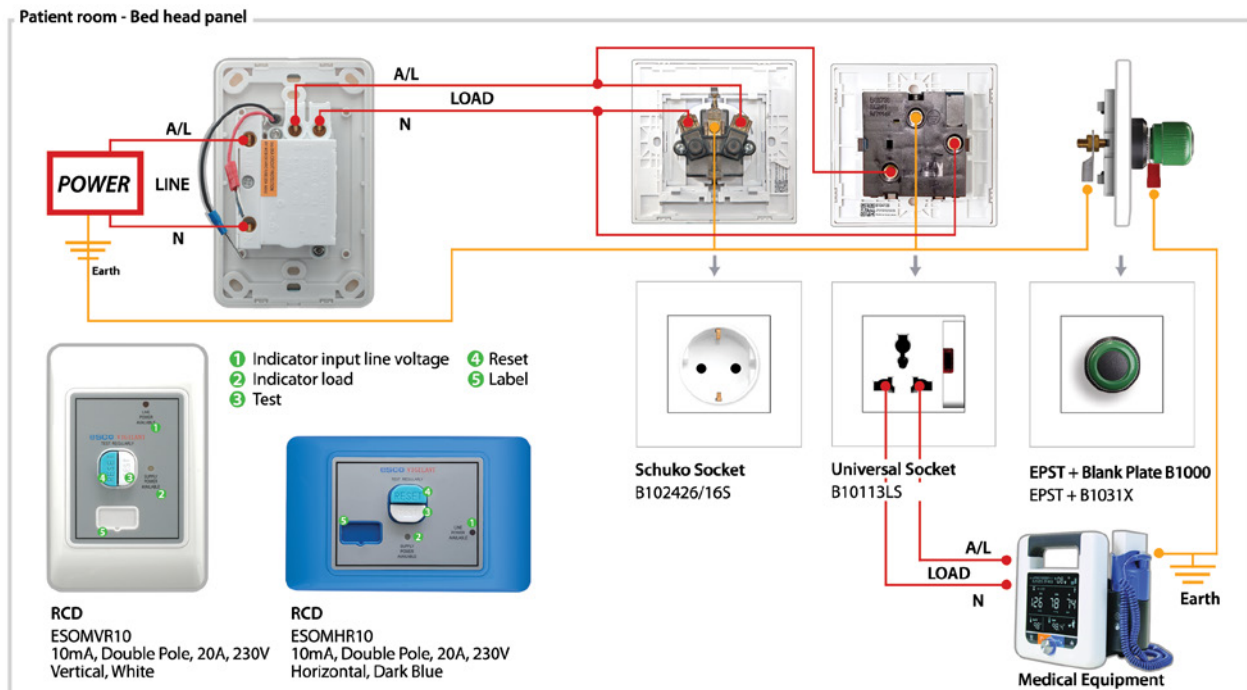


Cat. Number	Orientation	W	H	D
ESOMVR10	Vertical	74	117	36
ESOMHR10	Horizontal	117	74	36

#### Supplied Frame :



### Schematic Diagram





## Call Station



CPE131VSQ  
Call / Assist / Cancel / Pendant / Socket

### Product Features

- White backlighting to locate and identify various call types.
- External surfaces with Hi-Gloss "Diamond" finish for easy cleaning.
- Plastic components impregnated with Anti-Microbial Additive for improved hygiene control.
- Buttons have positive tactile feel and reassurance LED for call confirmation.

Specification	
Mounting	British Standard Grid Plate
Operating voltage	12V DC
Operating Temperature	0°C~60°C
Connection method	RJ12 6P6C
Compliance	AS3811 - Hard wired patient alarm systems



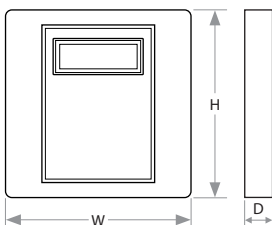
CPE031VSQ  
Call / Assist / Cancel



CPE121VSQ  
Call / Assist / Pendant



CPE021VSQ  
Call / Cancel



Cat. Number	W	H	D
CPE131VSQ	87	87	35
CPE031VSQ	87	87	35
CPE121VSQ	87	87	35
CPE021VSQ	87	87	35

## Call Pendant



PPU011VWQ  
Pendant Call

### Product Features

PPU011VWQ / PPU021VWQ is a bed side nurse call pendant designed for use in hospitals and aged care facilities. The keypad offers embossed buttons with positive tactile feel and waterproof to IP67.

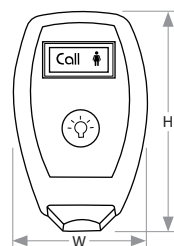
- Slim profile with or without bed light function.
- External surfaces with Hi-Gloss "Diamond" finish for easy cleaning.
- Plastic components impregnated with Anti-Microbial Additive for improved hygiene control.
- Call Confirmation buttons have positive tactile feel.
- Customised Solution bespoke systems to match your specification.



PPU011VWQ  
Pendant Call



PPU021VWQ  
Pendant Call  
w/ Bed Light

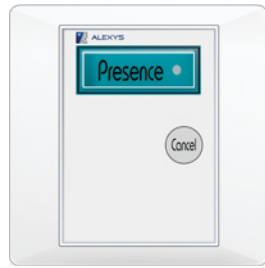


Cat. Number	Description	W	H	D
PPU011VWQ	Call	50	85	13
PPU021VWQ	Call/Bed light	50	85	13

## Call Station



CPE022VSQ  
Emergency / Call / Cancel



CPE023VSQ  
Presence / Call / Cancel



CPE024VSQ  
Assist / Call / Cancel

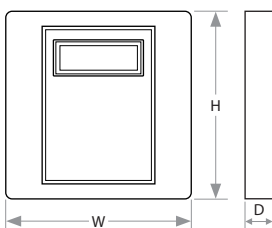


CPE026VSQ  
Duress / Call / Cancel



CPE028VSQ  
Blue Team Call / Cancel

Specification	
Operating voltage	12V DC
Operating Temperature	0°C~60°C
Connection method	RJ12 6P6C
Compliance	AS3811 Hard wired patient alarm systems



Cat. Number	W	H	D
CPE022VSQ	87	87	35
CPE023VSQ	87	87	35
CPE024VSQ	87	87	35
CPE026VSQ	87	87	35
CPE028VSQ	87	87	35

## Bathroom Call

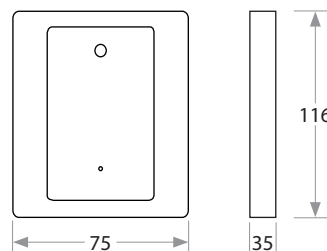


CPA011PSQ  
Pull Cord

### Product Features

CPA011PSQ is a Slave Pull Cord Call Station designed for use ensuite bathrooms within hospitals and aged care facilities. The call station offers a "break-away" coupling for the Pull Cord and re-assurance LED for call activation.

Specification	
Mounting	Australian Standard Grid Plate, compatible with HPM GPO & Light Switches. The dress surround cover can be easily replaced to match architectural requirements for your installation.
Connection Method	RJ12 – 6P/6C Input – from master call station : Pin 1 Aux 1 Pin 2 12V DC Pin 3 Call Pin 4 Assist Pin 5 0V Gnd Pin 6 Aux 2
Operating Voltage	12V DC
Operating Temperature	0 ~ 60°C
Materials	- External surfaces ABS – High gloss "Diamond" finish with Anti Microbial Additive - Overlay polyester – Easy clean – High gloss
Compliance	AS3811 – Hard wired patient alarm systems
Ingress Protection	IP54 : AS 60529 (IEC 60529)
Pull Cord Length	3m



## Over Door Light



OPA010USQ  
White Over Door Light  
LED

### Product Features

Over door light designed for use in hospitals and aged care facilities. The low profile parabolic lens provide 180 degree clear view when a nurse call alarm is raised.

### Specification

Mounting	Australian Standard Grid Plate
Materials	External surfaces ABS – High Gloss “Diamond” Finish with Anti Microbial Additive

### One Colour



OPA020USQ  
Yellow LED

OPA030USQ  
Red LED

OPA040USQ  
Green LED

OPA050USQ  
Blue LED

### Two Colour



OPA203USQ  
Yellow & Red LED

OPA402USQ  
Green & Yellow LED

OPA403USQ  
Green & Red LED

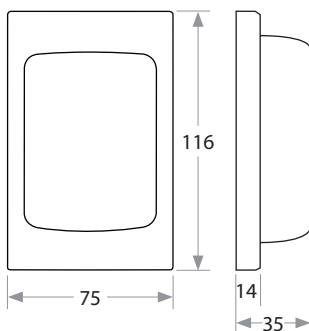
OPA103USQ  
White & Red LED

### Three Colour



OPA423USQ  
Green, Yellow &  
Red LED

OPA425USQ  
Green, Yellow &  
Blue LED



## Aptus View Annunciator



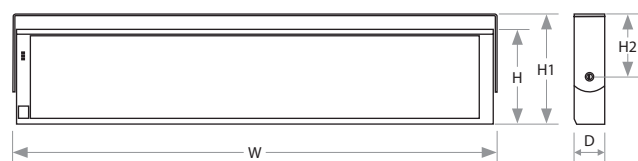
DPU101HS  
Single Sided Display Annunciator

### Product Features

AptusView RGB LED Annunciator is a slim-line messaging device, designed for use in hospitals and aged care facilities. Care staff are alerted to various alarms both visually and audibly within a designated zone. The AptusView RGB LED Annunciator can display 64 colours with all messages colour coded to match the message type.

- High resolution (16x96) for display on single or double row for clear human readable messages.
- 64 Colours - messages can be colour coded to match the message type.
- Built-in real time clock & calendar - for display of 2<sup>nd</sup> level (lower Priority) notifications.
- Power by PoE or powered independently and centrally.
- Single or double configuration.
- External surfaces with Hi-Gloss “Diamond” finish for easy cleaning.
- Plastic components impregnated with Anti-Microbial Additive for improved hygiene control.

Specification	
Mounting	Wall or Ceiling Mount via Mounting Bracket (supplied)
Display Preview	DPU101HS - AptusView Single sided Annunciator DPU201HS - AptusView Double sided Annunciator (back to back)
Connection Method	RJ45 CAT6
Operating Voltage	PoE - 802.3at Type 2 Class 0 ~ Class 4 / 12V DC
Operating Temp.	0 ~ 60° C
Materials	- External surfaces ABS Hi-Gloss “Diamond” finish with Anti Microbial Additive. - Rear panel & Mounting bracket marine grade aluminium with Hi-Gloss powder coat
Compliance	AS3811 - Hard wired patient alarm systems



Cat. Number	W	H	H1	H2	D
DPU101HS	625	125	144.50	82	40
DPU201HS	625	125	144.50	82	95

## Analog Interface Module (AIM)



DPU008HS  
32 Input / Output

### Product Features

DPU008HS is an 8 Port Ethernet Distribution Module that has been designed to enable multiple devices to be connected into the Alexys Aptus Pro Nurse Call System.

- 8 Ports - 32 Programmable Inputs/Outputs.
- POE Power - 802.3at Class 0 ~ Class 4.
- Compact 4 module DIN rail mounting case design.
- Connection to Input/Output via RJ12 (6P/6C).



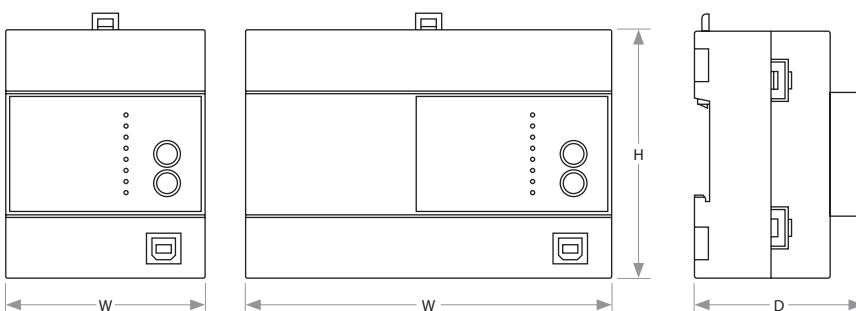
DPU016HS  
64 Input / Output

### Product Features

DPU016HS is a 16 Port Ethernet Distribution Module that has been designed to enable multiple devices to be connected into the Alexys Aptus Pro Nurse Call System.

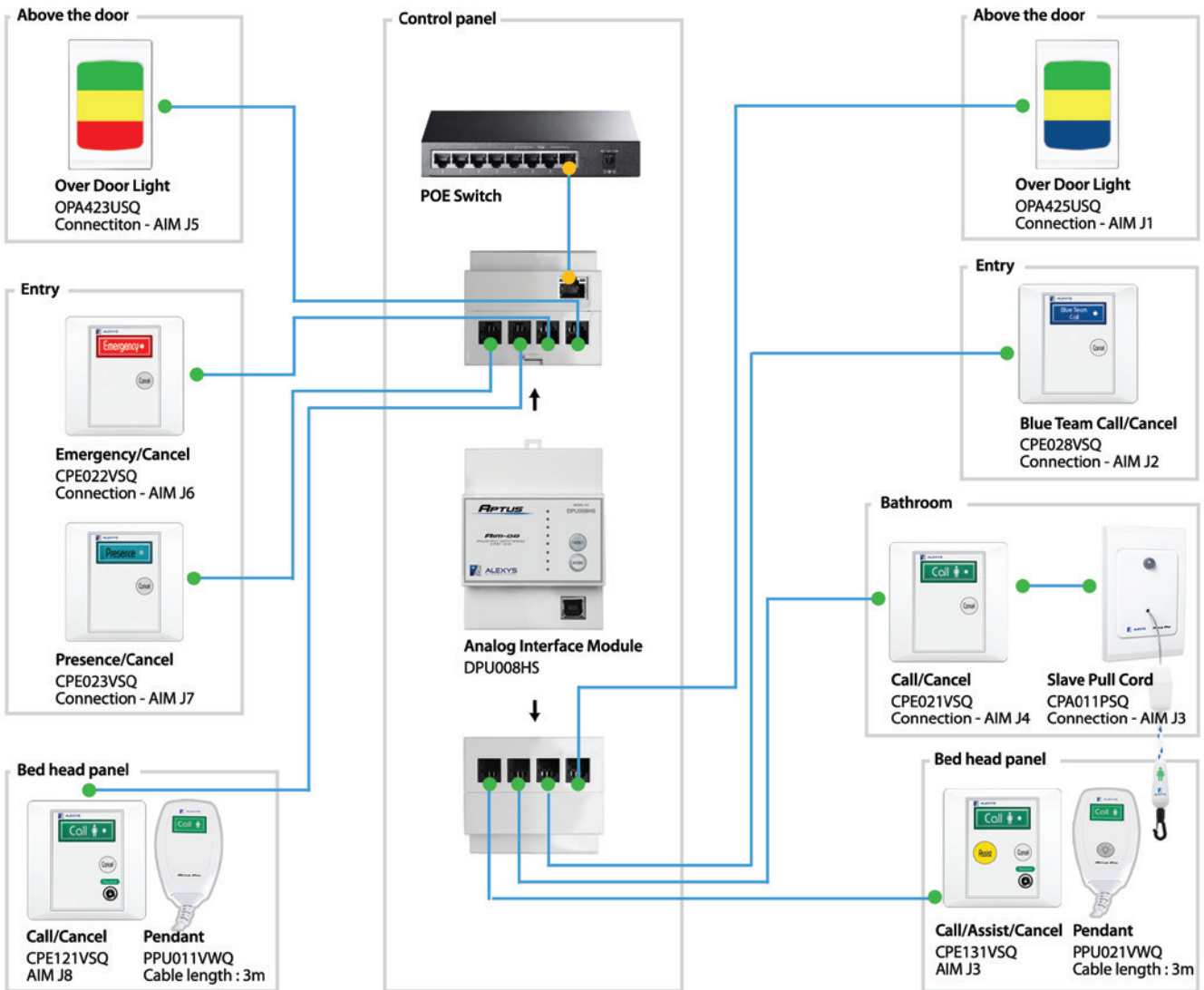
- 16 Ports – 64 Programmable Inputs/Outputs.
- POE Power – 802.3at Class 0 ~ Class 4.
- Compact 8 Module DIN rail mounting case design.
- Connection to Input/Output via RJ12 (6P/6C).

Specification	
Mounting	DIN Rail Mount
Connection Method	Network Switch : RJ45 Cat6/Cat5e Input/Output Devices : RJ12 3P/6C Input/Output : Pin 1 Aux 1 (Programmable) Pin 2 12V DC Pin 3 Call (Programmable) Pin 4 Assist (Programmable) Pin 5 0V Pin 6 Aux 2 (Programmable)
Operating Voltage	Input : Power over Ethernet (POE) - 802.3at - Class 0 ~ Class 4 Output : 12V DC
Operating Temp.	0 ~ 60° C
Materials	- External Surfaces ABS Hi-Gloss "Diamond" finish with Anti Microbial Additive. - Overlay polyester easy clean Hi-Gloss
Compliance	AS3811 - Hard wired patient alarm systems

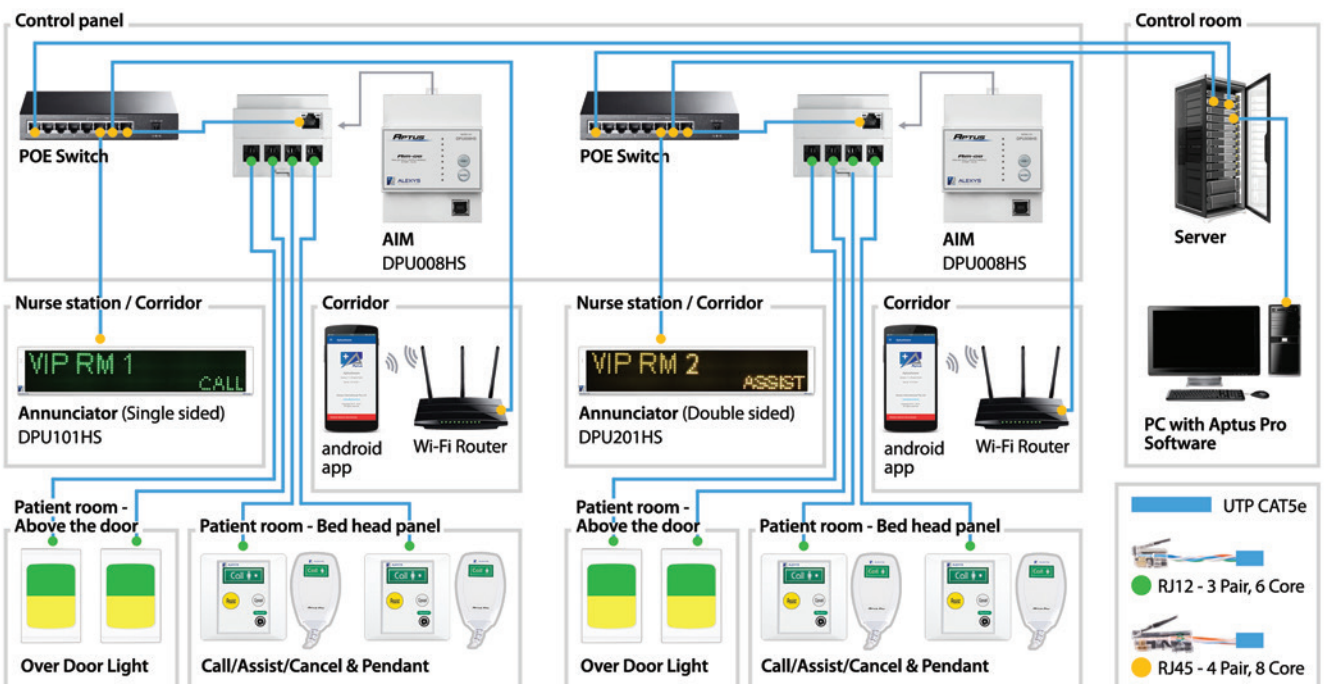


Cat. Number	W	H	D
DPU008HS	72	89.5	61
DPU016HS	133	90	61

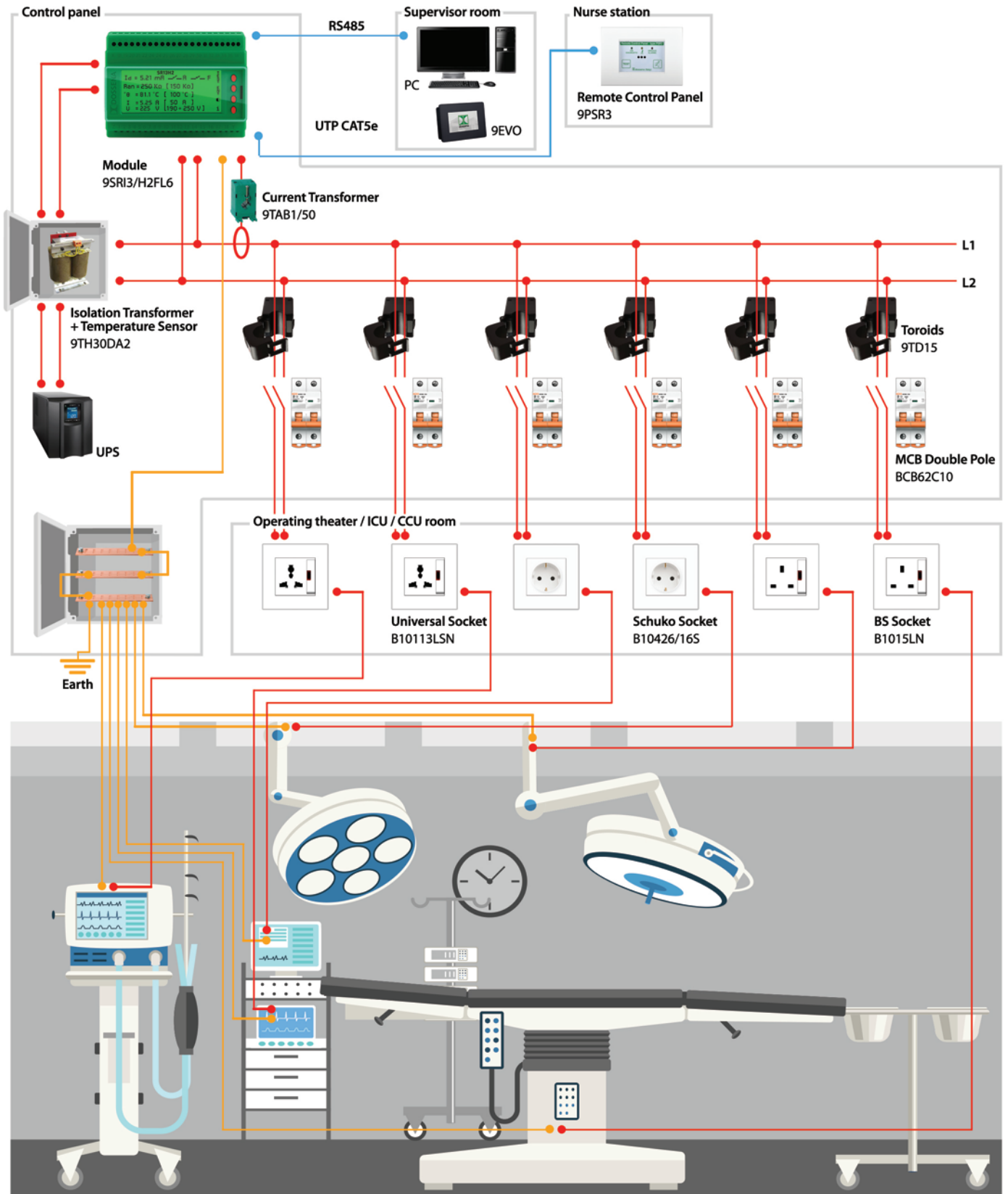
Analog Interface Module (Patient Room)



Schematic Diagram

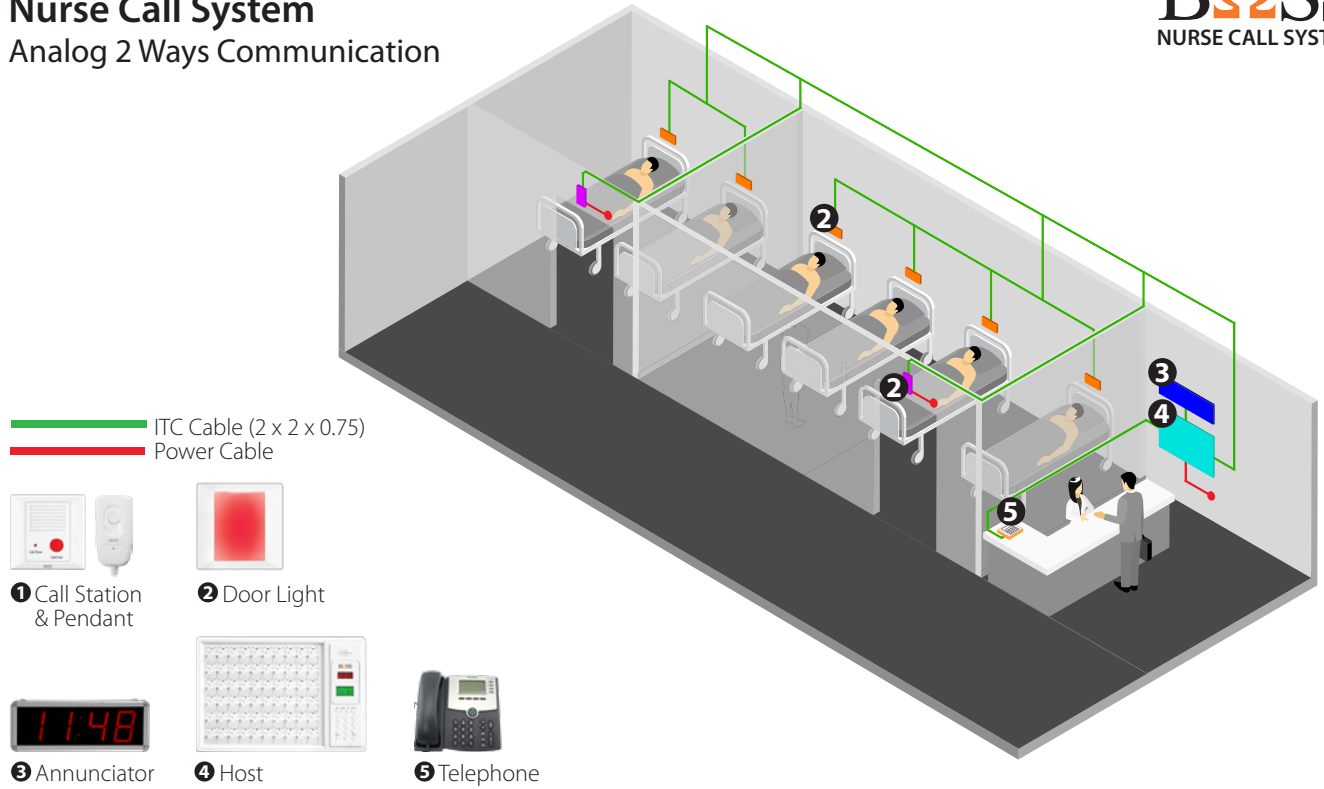


# Schematic Diagram

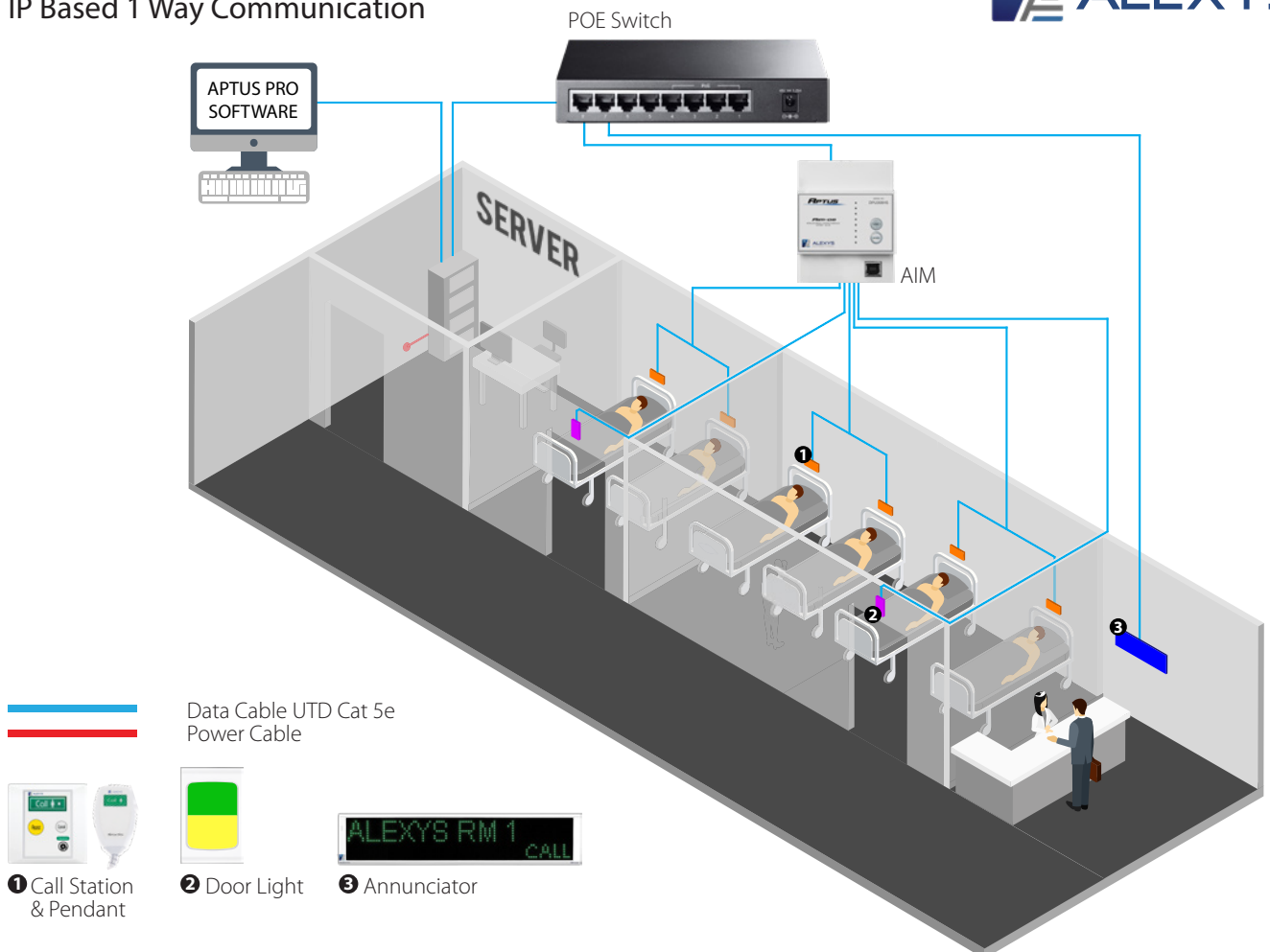


- UTP CAT5e
- NYHY 3 x 2,5 mm
- Grounding

**Nurse Call System**  
Analog 2 Ways Communication



**Nurse Call System**  
IP Based 1 Way Communication






RS. Altius Harapan Indah Bekasi



 74 beds

**Legends**

	Beds	ICCU	Intensive Coronary Care Unit
OT	Operating Theater	ICU	Intensive Care Unit
ER	Emergency Room	NICU	Neonatal Intesive Care unit
PO	Post Operative Room	HCU	High Care unit
VK	Maternity Room	Cat Lab	Catheterization Laboratory



RS. Pendidikan Universitas Hasanuddin 

 118 beds



RSKD. Duren Sawit Jakarta



 110 beds



**RSU. GarbaMed** Kerobokan, Bali

**BOSS**

 107 beds



**Eka Hospital** Pekanbaru

**BOSS**

 30 beds



**RS. Santa Maria** Pernalang

**BOSS**

 70 beds



**RSUD. Dayaku Raja** Kalimantan

**BOSS**

 110 beds



**Taman Werdha Syailendra** Bali

**BOSS**

 28 beds



**RS. Jantung & Pembuluh Darah**  
Harapan Kita Slipi, Jakarta

**ESCO**

 150 beds



Mayapada Hospital Surabaya

**ESCO**

 53 beds



Eka Hospital Bekasi

**ESCO**

ER 1 Rooms



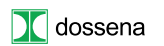
RS. Eka Hospital Cibubur

**ESCO**

 30 beds | ER 1 Rooms



**RSU. Kasih Bunda Cimahi**



OT 4 Rooms | PO 1 Rooms



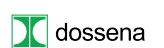
**RS. Mayapada Lebak Bulus, Jakarta**



🛏️ 100 beds | OT 4 Rooms



**RSUD. Kota Depok Timur Depok**



OT 3 | ER 1 | NICU 1 | HCU 1  
PO 1 | VK 1 | ICU 1 | Cat LAB 1



**BIMC Hospital Bali**

RCD + Earth Stud

 250 beds



**RS. RK Charitas Palembang**

Nurse Call System

 17 beds



**MRCCC Siloam Hospitals Jakarta**

Nurse Call System

 300 beds



**RS. Jantung Heartology Jakarta**



 100 beds



**Siloam Hospitals Lippo Karawaci**

Nurse Call System

 16 beds | ER 1



**Ciputra Hospital Jakarta**

Nurse Call System  
+ Isolation Transformer

 100 beds



**RS. Khusus Mata Palembang**

Nurse Call System

 41 beds



**RS Pondok Indah Pondok Indah**

RCD + Earth Stud

 20 beds



**RS Pondok Indah Bintaro**

RCD + Earth Stud

 100 beds



**RS Pondok Indah Puri Indah**

RCD + Earth Stud

 80 beds



**RS Bethsaida Serpong**

Earth Stud

 20 beds



**Semen Padang Hospital Padang** Nurse Call System

 147 beds



**RSUD. Dr.Kanujoso Djatiwibowo Balikpapan** Nurse Call System

 96 beds



**RSUD Kota Tangerang** Isolation Transformer

OT 4 Rooms



**RSUD Dr Zainoel Abidin Aceh** Nurse Call System

ICCU 20 beds



**Eka Hospital BSD City** Earth Stud

ICU 10 beds



**RSU Adhyaksa Kejaksaan Jakarta** Isolation Transformer

OT 4 Rooms



**National Hospital Surabaya** Nurse Call System

 200 beds



**Siloam Hospitals Kebun Jeruk** Nurse Call System

 69 beds



**RSUD. Dr. Soewandhi Surabaya** Nurse Call System

 120 beds



**RS St. Carolus Salemba** RCD + Earth Stud

 17 beds | ER 1 Rooms



**RS Premier Bintaro** Isolation Transformer

OT 4 Rooms



**RSUD Dr. M. Djamil Padang** Isolation Transformer

OT 16 Rooms



RS. Pekerja KBN Cakung

Nurse Call System

 169 beds


RS. Pantai Indah Kapuk

Nurse Call System

 100 beds

Product		Project	Details
BOSS	Nurse Call System	RS. Sumber Waras - Cirebon	2 floors, 105 beds
		RSUD. Kota Depok Wilayah Timur (RSUD ASA)	91 beds, 3 OT, 1 PO, 1 ER
		RS. Covid-19 - Bogor	3 beds
		RSKD. Duren Sawit	18 beds
		RS. UNHAS Makassar	118 beds
		RS. Covid-19 - Manado	1 floor, 50 beds
		Eka Hospitals - Pekanbaru	1 floor, 30 beds
		Hilton Garden Inn - Cengkareng	Cashier, Resto, Dissable toilet
		RSKD. Duren Sawit - Jakarta Timur	80 beds
		RSU. Garbamed - Kuta Utara Bali	60 beds
		RSU. Santa Maria - Pernalang	90 beds
		RSU. Santa Maria - Cilacap	41 beds
		Panti Werdha Syailendra - Bali	2 floors, 25 beds
		RS. Sumber Waras - Cirebon	105 beds
		RS. Mahati Joglo - Jakarta	30 beds
		RS. Universitas Padjajaran Jatingangor - Bandung	147 beds
		Disable Toilet Fairfield Hotel Bandara Soetta	3 rooms
Disable Toilet Kampus BINUS - Semarang	2 rooms		
RSUD Tidar - Magelang	2 floors, 42 beds		
RSUD Dayaku Raja - Kota Bangun Kutai Kartanegara	2 building, 110 beds		
Biara St. Anna - Yogyakarta	83 beds		
RS Bhayangkara Polda DIY - Yogyakarta	40 beds		
Alexys	Nurse Call System	RS. Pelabuhan - Palembang	5 floors, 250 beds
		RSUD. Malingping - Banten	3 floors, 114 beds
		Heartology Cardiovascular Hospital / RS Jantung & - Pembuluh Darah Heartology	3 floors, 100 beds
Questek	Nurse Call System	Ciputra Hospital - Citra Garden City	3 floors, 100 beds
		RSUD. Budhi Asih - Cawang	Patient bed room
		RS. Pekerja KBN - Cakung	4 floors, 169 beds
		Semen Padang Hospital	147 beds
		Siloam Hospitals - Kebon Jeruk	69 beds
		RSUD. Dr. Kanujoso Djatiwibowo	4 floors, 96 beds
		RSUD. Dr. Soewandhi - Surabaya	2 floors, 88 beds
		RSUP. Sanglah - Bali	3 floors, 12 beds
		Siloam Hospitals - Kebon Jeruk	24 beds
		National Hospital - Surabaya	200 beds
		Siloam Hospitals Lippo Village	16 beds
		RSUD. Kendari	55 beds
		RSUP. Sanglah - Bali	2 floors, 23 beds
		RS. Karya Medika - Banten	7 VIP rooms
		RS. Khusus Mata - Palembang	2 floors, 41 beds
RSCM - Salemba	4 ICU		
RS. RK Charitas - Palembang	17 beds		
RSUD. Dr. Soewandhi - Surabaya	80 beds		

Product		Project	Details
Questek	Nurse Call System	MRCCC Siloam Hospitals - Jakarta Siloam Hospitals Lippo Village Siloam Hospitals - Kebon Jeruk RS. Karya Medika II - Bekasi Siloam Hospitals Lippo Village RSUP. Zainoel Abidin - Banda Aceh RSUP. Sanglah - Bali RS. Pantai Indah Kapuk Siloam Hospitals Lippo Village RS. Jakarta - Jakarta	27 floors, 300 beds 4 floors, 100 beds 24 beds VIP room 6 VIP rooms 18 beds ICCU 20 beds 12 beds 4 floors, 100 beds 6 floors, 200 beds 3 floors, 100 beds
Dossena	Isolation Transformer for Medical Application	Primecare Hospital - Samarinda RS Tria Dipa - Jakarta RSAU Prof. dr. Abdulrachman Saleh - Jakarta Rumah Sakit Pertamina Panorama - Balikpapan RSUD. Kota Depok Wilayah Timur (RSUD ASA) RSU. Kasih Bunda - Cimahi RS. Muhammadiyah - Bandung Selatan RSUD. Tipe B Hanau Seruyan - Kalimantan Tengah RS. Sumber Waras - Cirebon RS. Pertamina Panorama Pertamedika - Balikpapan RS. JEC Orbita - Makassar RSAU. Prof. Dr. Abdulrachman Saleh - Jakarta RS. Tria Dipa - Pasar Minggu, Jakarta RSUD. Kelas B Wilayah Barat Hanau - Seruyan, Kalteng RS. Panorama Pertamina (Pertamedika) - Balikpapan RS. Kubu Raya - Kalimantan Barat	5 rooms OT, 1 room ICU 3 rooms OT 3 rooms OT, 1 room ICU 1 room ICU 13 rooms OT, ICU, PICU, NICU, VK 4 rooms OT, 1 rooms PO 2 rooms OK, HCU 18 rooms OK, ICU, HCU, NICU 2 rooms OT, ICU 1 room ICU 4 rooms OK 3 rooms OK/OT, 1 room ICU 3 rooms OK/OT 4 rooms OK ICU/PICU 5 rooms OT, 3 rooms ICU
ESCO	EPST	Eka Hospital - MT Haryono Mayapada Hospitals - Surabaya Heartology Cardiovascular Hospital / RS Jantung & - Pembuluh Darah Heartology	30 beds (ICU) 53 beds 20 beds
	RCD	Bethsaida Hospital - Serpong Moriah Pavilion Bethsaida Hospital - Gading Serpong RS. Pondok Indah - Pondok Indah RS. Pondok Indah - Puri Indah RS. Pondok Indah - Bintaro	20 beds 150 beds 20 beds 80 beds 40 beds
	RCD & EPST	RS. St. Carolus - Salemba RS. Pondok Indah - Bintaro Jakarta Heart Center Eka Hospitals - Pekanbaru Eka Hospitals - BSD Eka Hospital - Cibubur Eka Hospital - Bekasi RS. Jantung & Pembuluh Darah Harapan Kita - Jakarta Bethsaida Hospital - Cilegon RS. Pantai Indah Kapuk - Jakarta Moriah Pavilion Bethsaida Hospital - Gading Serpong RS Pusat Jantung Nasional Harapan Kita - Jakarta	1 ER, 17 beds 100 beds 20 beds Patient bed room Patient bed room equipotential 1 ER, 30 beds 1 ER 150 beds 250 beds Patient bed room Patient bed room 100 beds
Medilec	RCD, LIOM	RS. Pantai Indah Kapuk	OT
	LIOM	RSIA. Graha Permata Ibu Siloam Hospitals Lippo Village	2 OT OT
	EPST	RS. Universitas Airlangga - Surabaya RS. Hasan Sadikin - Bandung Mayapada Hospitals - Tangerang	Patient bed room Patient bed room Patient bed room
	Isolation Transformer for Medical Application	RSUD. Kota Depok RSCM - Salemba Ciputra Hospital - Citra Garden City Ciputra Clinic @Ciputra World RSUD. Tangerang RS. Premier Bintaro RS. Pekerja KBN - Cakung RS. Kejaksaan RS. Dr. M. Djamil - Padang Mayapada Hospitals - Lebak bulus Ciputra Hospital - CitraRaya Tangerang	14 beds 14 beds OT, IGD 3 beds 4 beds 4 OT 1 OT 4 OT 16 OT Patient bed room 4 OT

# ISOLATION TRANSFORMER FOR MEDICAL



Hospital Solution  
e-brochure