940 CONTROLLERS

ACCURO IP ROOM TERMINAL



Code : **9400048**

Model : **CHC-043**

Description

The IP Room Terminal is the main element of the ALCAD NURSE CALL system responsible for connecting and administering different warning and signaling elements in the room (pushbuttons, pullcords, lights, etc.). Additionally, the IP Room Terminal establishes a voice conversation with the nursing staff by incorporating a loudspeaker and microphone and is based on the VoIP technology.

Applications

Designed to be at the patient's disposal and send the information needed to communicate the different events that occur in the room to the control stations, as well as to wireless terminals of the nursing staff (DECT or WIFI phones). It also permits patient-friendly voice communication. The IP Room Terminal also has the possibility to connect wireless sensors and RFID readers to manage the identification and control of nursing staff in the room and in the system.

Characteristics

Being based on VoIP technology and thanks to the connection to a data network through its RJ45 connector, the IP Room Terminal can intercommunicate with other rooms in the same area, acting as a control station when the nursing staff is present in the room. The IP Room Terminal incorporates an LCD display with information of the state of the of events occurring in the room and of the calls.

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CHC-043	
Specifications	
Dimensions	237mm x 162mm x 48mm
Power supply	24 V
Consumption	110 mA – 460 mA
Housing	Polycarbonate
Operating temperature	+5..55°C
Protection index	IP 42
Speaker	8 ohm, 0,5W
Display	LCD 2x16 characters
Keyboard	7 buttons (3 action / 4 settings)
Mounting	Surface mount with wall anchor
Signaling	According to VDE-0834 (2/4 colors)
Communications port	Ethernet (RJ-45)
Special peripheral control port	RS-485
Audio	
SIPv2	Session Initiation Protocol Version 2
Códec	G.711 (Ley A) (64 Kbps)
Network data	
MAC address	(IEEE 802.3)
IPv4	Internet Protocol v4
ARP	Address Resolution Protocol
DNS	A record (RFC 1706), SRV Record
ICMP	Internet Control Message Protocol
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
RTP	Real Time Protocol