VoIP KNZD-42IPR Door Phone

DESCRIPTION ITEM

KNZD-42IPR Voice Door Phone offers a full digital network and KNTECH VoIP solution for the secure access control and monitoring of a building entrance. This advanced Door phone supports SIP 2.0 and operators of IMS platform guaranteeing easy customization for telephone operators and service providers.

Features

- SIP V1/V2(RFC2543/RFC3261)
- One speed dial Key
- Integrated RFID card reader
- Integrated Numeric Keypad
- Support PoE(802.3af)
- DTMF Switch control

How to open the door? We have 3 way？
1）Pass word
2）RFID card
3）Remote DTMF

Benefits

- Compatibility supports SIP 2.0 platform,effective inter connection and inter working with the mainstream IPPBX manufacturers
- High-end chip
Equipped with the latest Reliable chip set
- Carrier standard voice
Full duplex hands- free speaker phone,carrier standard voice
- Flexible of lock approach
passwords , RFID car d and DTMF Switch control
- A key t o call
One Speed dial Key
- Multiparty calls
Holding/waiting 3 ways call /conference
- Easy installation
integration into the existing LAN
- Visitors leave a message
Provide access to the message and playback message through the SIP phone

•Simple maintenance

support online software upgrades and web management way

•Protective level

IP53 against dust, water, and mechanical damage

Target Groups

Business: offices, shopping areas

Education: universities, campuses, schools, sports areas

Health care: hospitals, laboratories,Pharmaceutical factory

Logistics & Transportation: airports, parking lots or garages

Industries: factories,product center

Technical Parameters

Signalling protocol		Interface	
SIP 2.0（RFC2833）		Power supply	12V±15%/1A DC or PoE
Buttons			48V/380mA
Quick dial buttons	Buttons are made of stainless steel material, strong and durable.	LAN	10/100BASE-TX s Auto-MDIX, RJ-45）
Number of speed dial buttons	1	The recommended cable	Super five or more
Numeric keypad	touch buttons	Relay outputs	NC/NO contacts, max 30V/1A AC/DC
Audio		Active relay output	12V/500mA DC
Microphone	1A 8Ω	**Mechanical**	
Loudspeaker	3W	Cover material	Aluminum alloy cover, plastic pan
Hands-free haft-duplex	support	Operating temperature range	0°C – 55°C
Audio stream		Storage temperature range	-40°C – 70°C
Support protocol	RTP	Relative humidity	10% - 95% (not condensing)
Codecs	G.711,G.729,G.722,GSM,G.726,iLBC	Installation	Embedded installation
RFID		External dimensions	174.5×96×44 mm
EM-40XX(125KH z)		Protection level	IP53

KNZD-42IPR Voice Door Guard inherits the characteristics of the bearing VoIP products ,and it can be effective interworked with the mainstream IPPBX manufacturers,like Cisco、Avaya、3CX、Asterisk、BroadSoft

KNTECH

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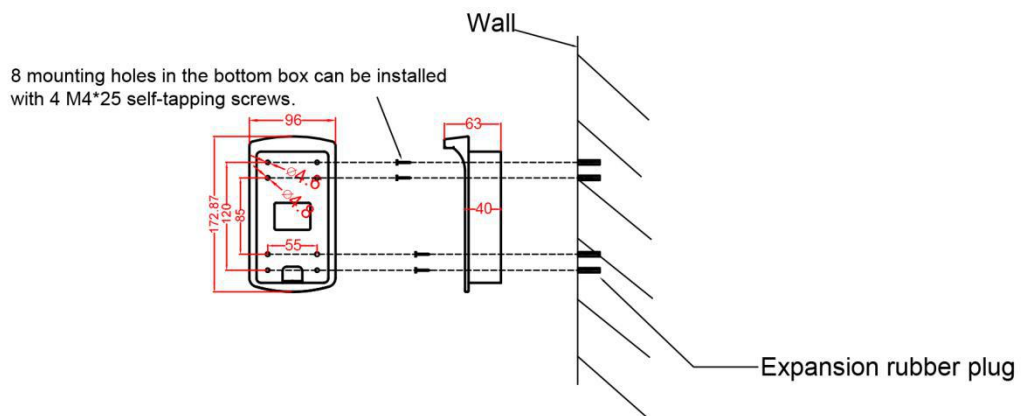
SPECIFICATION

VoIP SIP2.0 telephone   DTMF dialing

MTBF:100000hours   MTTR: 2 hours

Free dial (maximum length of each number is 32 digits)

Communication: Full duplex 2-way

Call Control Signaling:VOIP SIP Info(DTMF), RFC 2833(DTMF)

Power:Power over Ethernet, IEEE802.3af, Class 0

Local power, 12VDc,Idle 2W, Max 10W

Auxiliary Contacts: (option)

1 Aux Output, dry contact

Dry contact Load parameter

Rated load:0.3 A at 125 VAC; 1 A at 30 VDC

Rated carry current:1A

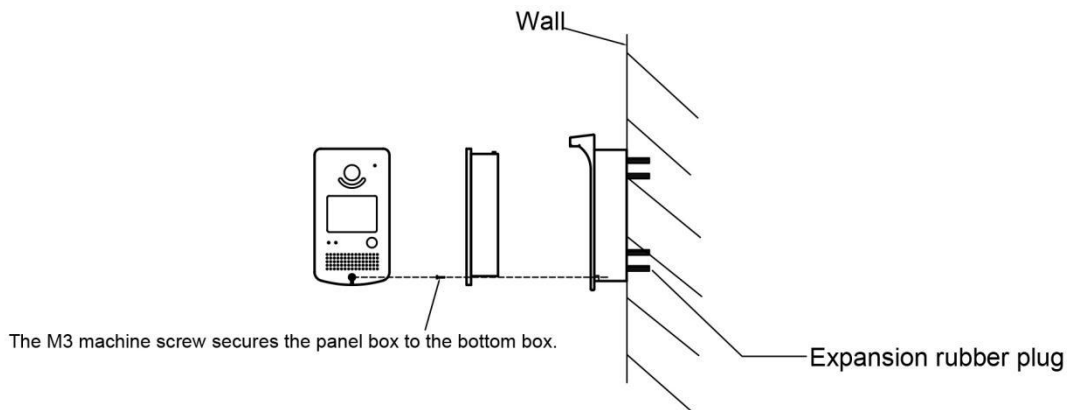Max.switching voltage:125 VAC,60VDC

Max.switching current:1A

Audio Codes:G.711, G.722, G.729,G723,G.726

Network:10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better

IP Protocols:IPv4, TCP, UDP, RTP, DHCP, SIP

1 x LAN Power over Ethernet(PoE,802.3af)

1 x LAN(IEEE 802.1x), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)

Programming:Non-volatile flash memory programming and configuration through Web GUI

Management and Operation:DHCP and static IP, remote automatic software upgrade, centralized monitoring

Echo cancellation code: ITU-T G.167/G.168

INSTALLATION

The first step is to install the bottom box to the wall.

The second step is to load the panel box into the bottom box.

KNTECH

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ICERTIFICATION

EN55022: emissions   EN55024: immunity
Ingress Protection: GB4208-93 IP66 FCC   ITU-T Recommendations K21
EMC: EN50121(Railway application-Electromagnetic Compatibility)

CE FC IP53 RoHS

PACKING

1pcs packing box size:175 *130 *9mm   G.W:0.75KG
12pcs in 1 outer Carton box: size: 190X400X380mm   G.W:9.4KG

IMAGE DISPLAY

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