

KN ZD 42

Door Entry Control SIP VoIP Speaker Phone

Acorn Monitoring



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Road Rail Tunnel Ports Factories Public Buildings Security Transport Utilities



KNZD-42 Voice Door Phone offers a full digital network and 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 telecom operators and service providers.

Full 12 button DTMF Keypad with tough vandal resistant steel buttons with an additional press to call speed dial button. The built in microphone and loudspeaker with a high quality speech chip provides for clear hands-free 2 way speech.

Door open relay contacts with built in RFID swipe card reader and also password access control.

Visitors can record a message e.g. "Dr James Called at 6pm will call back tomorrow". Recorded messages can be replayed via the SIP phone.

KNZD-42 Has been designed for many door entry access control applications indoor and outdoor use in wet environments and is IP55 rated and is built for long term high reliability of operation..

Typical users: Security Building Access Control, Hospitals, Universities, Sports Halls, Government, Airports, Transportation, Offices, Control Rooms, Car Parks, Housing, Care Homes, Factories, Laboratories, Pharmaceuticals....

System Features. ticks all the right boxes

- ✓ Compatibility supports SIP 2.0 and operators of IMS
- ✓ Single button push to call button
- ✓ 12 Button Keypad
- ✓ Full duplex hands-free Speaker-phone
- ✓ Flexible Lock Passwords
- ✓ RFID card and DTMF Switch Door Access Control
- ✓ Holding/waiting 3 ways call/conference
- ✓ Easy installation to existing LAN
- ✓ Visitors can leave a message
- ✓ Playback message through the SIP phone
- ✓ Multi Party Conference Call
- ✓ Carrier Standard Voice
- ✓ Simple maintenance support online software upgrades and web management
- ✓ Ingress Protection IP53 against dust, water, and mechanical damage

Trusted By Customers - Worldwide

Koon Technology telephones are in service with many of the world's largest companies: Railways, Underground, Mining, Power Generation, Airlines Banking, Government, Shopping Malls to name but a few.

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**ASTRA
ERICSSON**



Alcatel-Lucent



SIEMENS

**NORTEL
AVAYA**



Koon Technology is approved by the above manufactures and many more...

Technical Specifications

Numeric Keypad:	12 button stainless steel
Speed Dial	Single button
Audio	Microphone Loudspeaker 1W
Hands free operation	Full Duplex
Audio Stream Protocol	RTP
Codec's	G711,G729, G722,GSM,G726,LBC
Signalling Protocol	SIP 2.0 (RFC3261)
RFID	EM-40XX (125Khz)
Power Supply	12V +/- 15% 1A DC or PoE. 48V 380mA
LAN	10/100 base TXs Auto MDIX, RJ45
Cable	Super 5 or more
RFID	EM-40XX (125Khz)
Relay Outputs	NC / NO contacts. Max 30V 1A AC/DC
Active Relay output	12V / 500mA DC
Cover Material	Aluminium ally cover plastic pan
Operating Temperature	0 deg C to 55deg C
Storage Temperature	-40 to 70deg C
Relative Humidity	10% to 95% non condensing
Software	Embedded
External Dimensions	174.5 x 96 x 44 mm
Ingress Protection	IP53

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All information and specifications are subject to change without prior notice and is "preliminary" only.