



## **KNZD-60 Video Help Point**

The Video Help Point will be designed to work on railway, metro, tunnel, etc. Housed in stainless steel box with one CALL/ ANSWER button, it will offer protection against the outdoor environment and vandals. The unit will meet all the latest European/UK standards telephony, waterproofing IP65, and lightning protection together with offering the level of performance and reliability demanded in such an environment.

### **Main Product features**

SIP2.0(RFC3261)

IAX2 protocol (optional)

Supports PSTN (Optional)

The possibility of recording 4SIP accounts, also as a backup

The ability to simultaneously login to all servers

Voice Codecs: G 711a/u, G7231 high/ low, G729a/b, G. 722, G 726, iLBC, AMR-NB; AMR-WB

Video codecs: H 263, H. 264 MPEG4

Video resolution: QCIF CIF QVGA

Photo Format: PEG GIF and BMP PNG

Video formats: MP4 3GP and FLV

Echo cancellation: G 168 compatible with the LEC, including hands-free (AEC)

VGS, VAD, CNG, jitter buffer

Speakerphone full-duple

Possibility of registering a domain or implementation of SIP calls peer to peer



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Modes DTMF inband SIP info, RFC2833

Can be used for custom ring tones

Support for STUN

Support for the SIP SMS

Adjusting the volume in all modes(headset handsfree /headsetwire/bell)

HD voice with high quality headset/HD voice in speakerphone mode

\* Standard and SMART Analogue and VoIP-SIP options available

\* DTMF(Dual Tone Multi Frequency)

\* Matching with most PABX, PBX and PAX systems.

### **Main PCB**

1. Well treated PCB used inside the phone.
2. Robust screw terminals used for the connection of ringer,handset line in, hookswitch.
3. Select able 7 minute time out, to release the line handset is left off hook.
4. All connectors be greased in production.

### **VOIC OVER IP- SIP( Version)**

Connection type: RJ45 Socket inside sealed enclosure

Power supply: Powered by POE(Please tell if you need external 24V dc)

Call set-up Protocol: Session Initiation Protocol (SIP)

Configuration: DHCP or STATIC IP address provisioning

### **ADVANCED FEATURES**

The phone user-friendly thanks to large LCD touch screen and keypad functionality of software distributed

Clear on-screen menu

Telephone Features: Forward / tranfer calls both blind and attended/ call-hold/ conference call/ paging and intercom/call park/ captureredial click to dial answer calls automatically

Call Recording during a call

Blaclist/Whitelist/DND- Do Not Disturb/ CLIR CLIP/ Dial Plan

Call history: Incoming Outgoing/Missed Each 1000 entries

Phone book up to 2000 records

Import Export Phone book

External phone book-XML

Photo Frame

Music player(mp4, mp3, wav, wma)

The ability to connect external USB drives

The stream of VoIP (SIP/ RTP) is also encrypted (egRC4)



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## NETWORK FEATURES

WAN/LAN

PoE 802.3af

DHCP client on WAN

VLAN(optional)

NTP client

L2TP VPN

QoS

MD5 authentication

Network Utilities in telnet, ping, trace route

## Connection cable

Stainless steel connection cable to exchange

Well treated keep waterproof.

## Packing detail:

Unit size: 416\*260\*62mm, N.W.:3.7KG

1pcs in each inner CTN box, size: 325\*235. G. W: 1.4KG

10pcs in outer CTN box size: 566\*445\*420mm G W: 15.3KG

## Certification



EMC: EN50121(Railway application Electromagnetic Compatibility)

EN55022. emissions

En55024 immunity

FFC

ITU-T Recommendations K21



## Passenger Assistance Intercom System

