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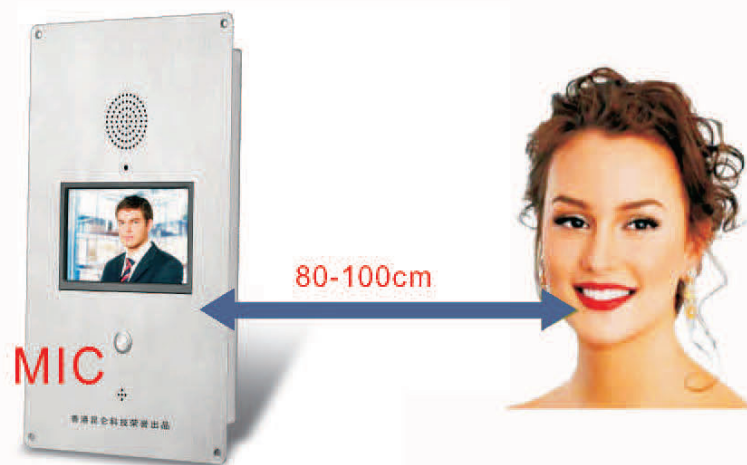
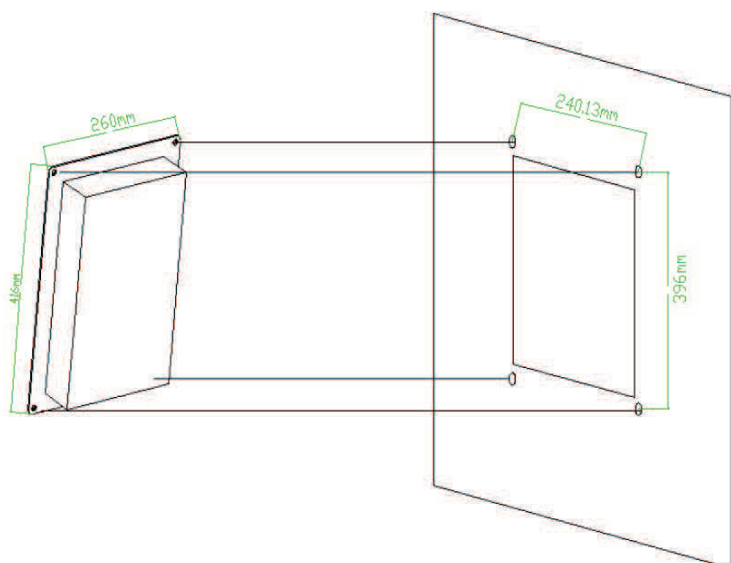


Emergency telephone SUS KNZD-60



## The most professional manufacture in Asia The exclusive supplier for all Metro project in China

The emergency call telephone 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

- SIP 2.0 (RFC3261)
- IAX2 protocol (optional)
- Supports PSTN (Optional)
- The possibility of recording 4 SIP accounts, also as a backup
- The ability to simultaneously login to all servers
- Voice Codecs: G.711a / u, G.7231 high / low, G.729a / 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-duplex
- Possibility of registering a domain or implementation of SIP calls peer to peer
- 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. Selectable 7 minute time out, to release the line if the 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

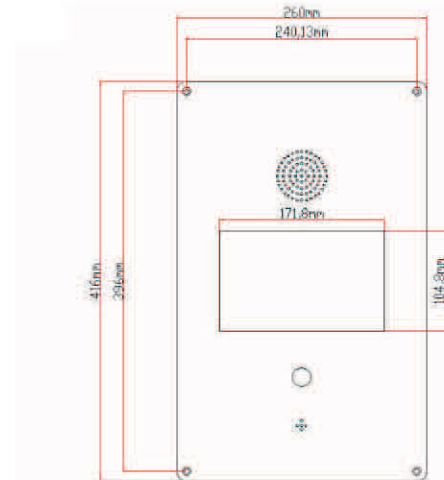


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### Telephone layout



### Mounting bracket



### 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 / capture / redial / 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.

Phonebook up to 2000 records

Import / Export Phonebook

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)

### 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\*62 mm , N.W: 3.7KG

1pcs in each inner CTN box, size: 325 \*235 \*75mm G.W: 1.4KG

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

### Certification:



EMC: EN50121 (Railway application- ElectromagneticCompatibility)

EN55022: emissions

En55024: immunity

FCC

ITU-T Recommendations K21



HONGKONG KOON TECHNOLOGY LTD

Tel: 0086755 29790158 / 27448753 Fax:0086755 29790278 Email:koon03@vip.163.com www.koontech.com