Highway call box GSM KNZD-09A

The Weatherproof phone will be designed to work on Railway, metro, tunnel, etc. Housed in robust aluminium die case with pring loaded door, it will offer protection against the outdoor environment, vandals resistance and rot resistance The unit will meet all the latest European/UK standards for EMC and US FCC, telephony, waterproofing IP67, and lightening protection together with offering the level of performance and reliability demanded in such an environment.

Main Product Features

1. GSM/VOIP/PSTN optional.
2. Matell body, solid and temperature bearable.
3. Handset free, loudspeaker.
4. Heavy duty Vandal resistant buttons.
5. With or without keypad optional.
6. Lightning protection standard to ITU-T K21.
7. Waterproof grade about IP55.
8. Body with grounding connection protection.
9. Support hotline call, self stop if the other side hang up.
10. Built-in loud speaker, noise canceling microphone.
11. Lighting will flash when there is a incoming call.
12. AC 110v/ 220v powered or built-in rechargeable battery with solar powered panel optional.
13. The design is super thin and smart. Embed style and hanging style can be chosen.

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14. Time out function optional.
15. Colors: RED+ Stainless steel If the qty over 100pcs can be to customer specification.

*Standard and SMART Analogue and VOIP-SIP options available.
*DTMF(Dual Tone Multi Frequency)
*Matching with most PABX, PBX and PAX systems.

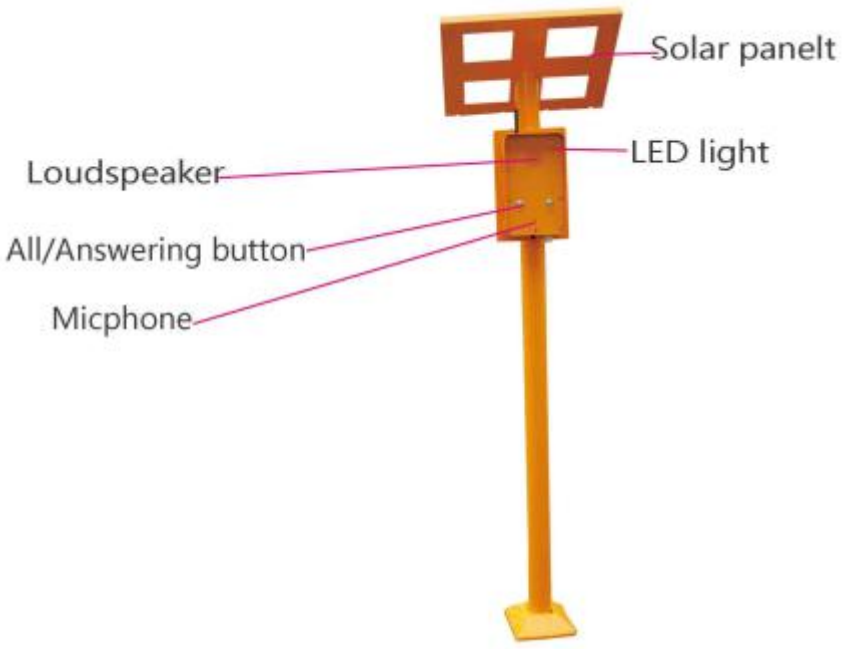
Main PCB

1. Well treated PCB used inside the phone.
2. Robust screw terminals used for the connection of ringer,handset, line in, hook switch.
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: External 24v dc
Call set-up Protocol: Session Initiation Protocol(SIP
Configuration: DHCP or STATIC IP address provisioning

Telephone Layout



GSM Vision

GSM 2G/3G Solar Powered with built-in rechargeable battery.

1. Network Interface: GSM Frequency: 850/900/1800/1900MHZ, 2G, 3G, WCDMA.
2. Ringing: Through internal Speaker/ringer.
3. Power Supply: Re-chargeable Battery powered 9V/14Ah.
4. Solar back-up: 12V/30W.
5. Time out: selectable 0-20 minutes.
6. Built-in battery standby: 21 days, can improve to 42 days.
7. Built-in battery talking time: 56hours, can improve to 100 hours.

TECHNICAL SPECIFICATION

1. Network Interface: GSM Frequency 850/900/1800/1900MHz
2. Ringing: Through internal Speaker/ringer
3. Power Supply: Re-chargeable Battery powered 9V/14Ah, Solar back-up: 12V/30W
4. Time out: selectable 0-20 minutes
5. Temperature:-20℃~+60° C Temp
6. Relative Humidity: up to 90%.
7. Built-in battery Standby: 21days.
8. Built-in battery talking time: 21 hours.

Mounting Bracket

Connection cable

Stainless steel connection cable to exchange
Well treated keep waterproof.

Packing Detail:

Unit size: 300*180*125mm NW, 3.3KG
1pcs in each inner CTN box, size: 439*277*191mm GW: 4KG
4pcs in outer CTN box, size: 566*445*420mm G. W: 17.3KG

Certification

IP65 RoHS

EMC: EN50121(Railway application Electromagnetic Compatibility)
EN55022. emissions
En55024 immunity
FFC
ITU-T Recommendations K21

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