



Regular Customer



Help Point KNZD-20



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 lightening protection together with offering the level of performance and reliability demanded in such an environment.

Pictures Front and Back view:



Main Product features

1. High waterproof, dustproof performance, SUS304 full stainless steel body, protection grade reaches to IP55.
2. High durability, oil, acid, alkali resistance, conform to the standards of GJB - 773 and UL1332 requirements.
3. Without handset, communication via loudspeaker.
4. Import SHARP, CMOS camera.
5. Highly integrated mainboard, using the most advanced industry-specific microcontroller made in ATMEL company.
6. The box with earthing device is completely isolated with internal electric circuit, and has certain electromagnetic shielding effect.
7. Conversation with clear loud voice, no feedback screaming.
8. Support hotline of exchange system.
9. Support the function of exterior line automatic lift.
10. Support conversation time limited.
11. Camera starts up automatically after lifting and turns off when hanging up.
12. Strong, thick and beautiful body with embed wall design.
13. talking distance: 80cm-100cm.

14. Shell: SUS304 stainless steel panels, brushed surface, corrosion fonts, riot and strong.
15. Camera: Built-in HD pinhole fisheye IP camera, POE power supply, support ONVIF compatibility certification, the video compression algorithm, support H.264HP and MJPEG encoding.
16. Braille buttons: Square beautiful red Braille buttons have with light tips, bell when lights flash, lights lit during use. In favor of poor eyesight personnel.
17. Built-in hearing aids, specifically designed for the hearing impaired.
18. A call clear voice, loud and clear voice, no feedback whistle
19. Intelligent busy tone detection function, when the radio signal is received after the unit automatically hang up.

- 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.



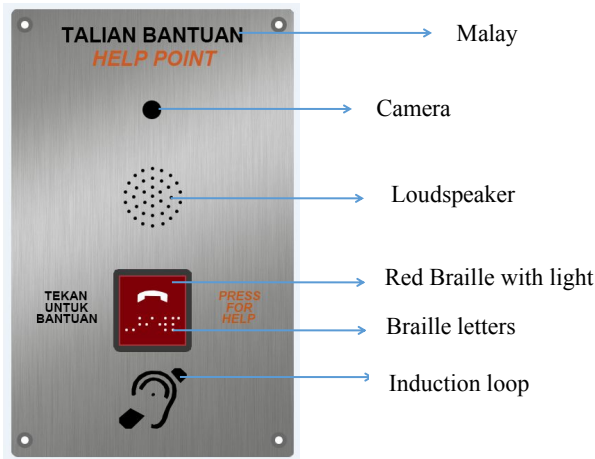
HONGKONG KOON TECHNOLOGY LTD

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



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

Telephone layout



Size Layout



TECHNICAL SPECIFICATION

1. It is suitable for automatic instruction amplification telephone system when feed voltage reaches to 33- 60V.
2. Environmental temperature: -30'C ~ 60'C
3. Relative humidity: 10% ~ 95%
4. Atmospheric pressure: 86 ~ 106Kpa
5. Environmental noise: ≤80dB
6. Double audio dialing
7. Standard frequency: 697, 770, 852, 941Hz
8. Low frequency group: 697, 770, 852, 941Hz
9. High frequency group: 1209, 1336, 1477Hz
10. Frequency offset: ≤ ±1.5%
11. The signal level when the length of user's line is 3km:
12. Standard frequency: Low frequency group: -9dB
13. High frequency group: -7dB±3dB
14. Level difference between high and low frequency of combined signal: 2±1dB
15. The total intermodulation distortion caused by harmonic is 20dB lower than wave level.
16. Call transmission index: (5Km) SLR ≤ 12, RLR ≤ -1, and STMR ≥ 10, Input impedance: 600Ω
17. DC 12V powered
18. Handsfree operation built-in loud speaker 0.5W.

Connection cable

Stainless steel connection cable to exchange.
 Well treated keep waterproof.

Packing detail:



QTY: 8PCS/CTN

G.W: 29.76KG

MENS: 54*42*50CM

QTY: 1PCS/CTN

G.W.: 3.80KG

MENS: 44*28*18CM

Certification:



EMC: EN50121 (Railway application-
 Electromagnetic Compatibility)
 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



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

Camera Technical Specification

Model	GD - B261C
Pickup device	1/3 OV7949 CMOS
SYS	PAL/NTSC
Effective Pixels	268(H) x586(V)x / 510(H) x 496(V)
Sensing Area	5.961mm x 4.276mm
Scanning System	2:1 Interlaced Scanning
Sync System	Internal Synchronization
Sharpness	420TV lines
Horizontal Sync Frequency	15.625KHz / 15.734KHz
Vertical Sync Frequency	50Hz /60Hz
Minimum Illumination	0Lux/F2.0 with IR
Video Output	1.0vp-p, 75Ω
Gamma Coefficient	0.45
AGC	Auto
Sound / Noise Ratio>	48dB
White Balance	Auto
Electronic Shutter	1/50-1/80000(s) / 1/60-1/80000(s)
Backlight Compensation	Auto
Current	80mA ± 10%
Voltage	DC 12V±10%
Operating Temperature	-20°C~50°C, RH95% MAX
Storage Temperature	-30°C~60°C, RH95% MAX
Lens	3.6mm F = 2.0
Camera Angle	90°
Weight	25 g

