



**VOIP KNSP-16 waterproof telephone**

**DESCRIPTION ITEM NO.SP0160012**

1. Robust aluminium alloy die-cast body, Vandal & tamper-resistant hardware, easy Installation.
2. Waterproof rating IP66 dust proof.
3. Full keypad with memory, 10 button programmable telephone, support free dial.
4. Magnetic reed hook-switch.
5. Lightning protection to ITU-T recommendation K.21.
6. Heavy Duty handset with hearing Aid compatible receiver, Noise canceling microphone.
7. Handset with industrial strong curly cord .
8. Silicon keypad keep waterproof and dusty proof.
9. Temperature range from -40 degree to +70 degree.
10. Support echo cancellation.
11. Remote software upgrade, configuration and monitoring.
12. Optional 7 minute time out to release the line if the handset is left off hook. This function upon buyer's requirement).
13. Powder coated in UV stabilized polyester finish.
14. The housing covered with a layer of reflective label for easy identification at night. Optional
15. Application: Tunnel, metro, railway, LRT, speedway, marine, ship, offshore, mine, power plant, bridge etc.

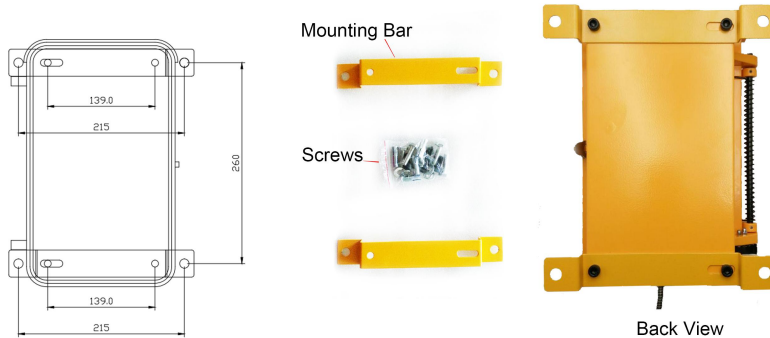


## SPECIFICATION

VoIP SIP2.0 telephone DTMF dialing  
 MTBF:100000hours MTTR: 2 hours  
 Hot-line (maximum length of each number is 16 digits)  
 Communication: Full duplex 2-way hands-free communication  
 Call Control Signaling:VOIP SIP Info(DTMF), RFC 2833(DTMF)  
 Power:Power over Ethernet, IEEE802.3af, Class 0  
 Local power, 12VDC,Idle 2W, Max 10W  
 Auxiliary Contacts:1 Aux Output, dry contact  
 Contact Ratings. Load: Resistive load  
 Rated load:0.3 A at 125 VAC; 1 A at 30 VDC  
 Rated carry current:1A  
 Max.switching voltage:125 VAC,60VDC  
 Max.switching current:1A

Audio Codes:G.711, G.722, G.729  
 Network:10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better  
 IP Protocols:IPv4, TCP, UDP, TFTP, RTP, RTCP, DHCP, SIP  
 LAN Protocols:Power over Ethernet(PoE,802.3af), WLAN(IEEE 802.3af), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)  
 Programming:Non-volatile flash memory programming and configuration through Web GUI  
 Management and Operation:DHCP and static IP, remote automatic software upgrade, centralized monitoring, status LED  
 Echo cancellation code:G.167/G.168

## INSTALLATION



## CERTIFICATION

RCM: AS/NZS CISPR 32 Australian communications:AS/CA S004  
 Australian Equipment-safety: AS/NZS 60950.1:2015  
 EMC: EN50121(Railway application-Electromagnetic Compatibility)



## PACKAGING



Unit size:320 \*205\*120mm Unit: N.W:3.9KG  
 1pcs packing box size: 439 \*277 \*191mm Unit N.W:5.3KG Unit G.W:6KG  
 6pcs in 1 outer Carton box: size: 730\*390\*340mm N.W:31KG G.W:35KG