



## VOIP KNSP-09-IP-Y Railway Phone

### DESCRIPTION ITEM NO.

1. Robust aluminium alloy die-cast body, Vandal & tamper-resistant hardware, easy Installation.
2. Full keypad with memory, 3 button programmable telephone ,support hotline dialing, support scroll dialing.
- 3.Magnetic reed hook-switch.
4. Lightning protection to ITU-T recommendation K.21.
5. Heavy Duty handset with hearing Aid compatible(HAC) receiver, Noise canceling microphone.
6. Handset with industrial strong curly cord .
7. Silicon keypad keep waterproof and dusty proof.
8. Temperature range from -40 degree to +70 degree.
- 9.Support echo cancellation.
- 10.Remote software upgrade, configuration and monitoring.
11. Optional 7 minute time-limited call.( This function upon buyer's requirement).
12. Powder coated in UV stabilized polyester finish.
13. Application: Tunnel, metro, railway, LRT, speedway, marine, ship,offshore, mine, power plant, bridge etc.



## SPECIFICATION

VoIP SIP2.0 telephone	DTMF dialing	Audio Codes:G.711, G.723, G.726, G.729
MTBF:100000hours	MTRR: 2 hours	Network:10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better
Hot-line (maximum length of each number is 16 digits)		IP Protocols:IPv4, TCP, UDP, RTP, DHCP, SIP
Communication: Full duplex 2-way handset communication		1 x LAN Protocols:Power over Ethernet(PoE,802.3af),
Call Control Signaling:VOIP SIP Info(DTMF), RFC 2833(DTMF)		1 x WLAN(IEEE 802.3af), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)
Power:Power over Ethernet, IEEE802.3af, Class 0		Programming:Non-volatile flash memory programming and configuration through Web GUI
Local power, 12VDC,Idle 2W, Max 10W		Management and Operation:DHCP and static IP, remote automatic software upgrade, centralized monitoring.
Auxiliary Contacts : (option)		Echo cancellation code:G.167/G.168
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		

## Order information:

Model number	Power Supply	Item Number
KNSP-09-IP-Y_AD	DC12V 1A	SP0090052
KNSP-09-IP-Y_P	POE	SP0090022
KNSP-09-IP-Y_ADP	DC12V 1A +POE	SP0090092

\*AD---Adapter UL (Input : AC110~240V , Output : DC12V 1A)

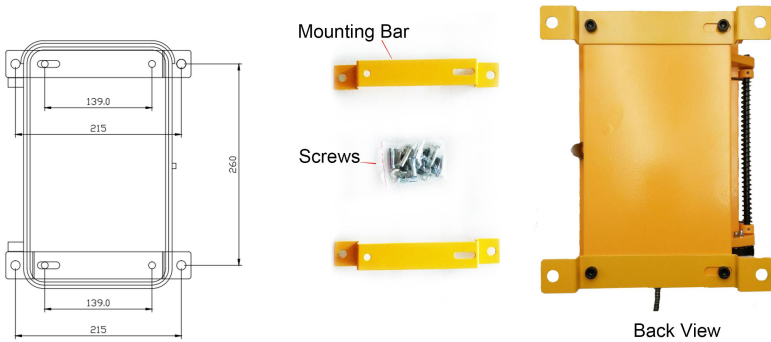
\*P---POE

## 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)



## INSTALLATION



## PACKING

Unit size:320 \*205\*120mm Unit: N.W:3.4KG

1pcs packing box size: 439 \*277 \*191mm Unit N.W:4.5KG

6pcs in 1 outer Carton box: size: 730\*390\*340mm N.W:29KG

