VOIP-SIP IP INTERCOM ROBUST

KNZD-09 IPIL

*** Industrial standard design**

*** Supper good sound clarity during conversation**

***Support standard Session Initiation Protocol(SIP), RFC 3261**

***Remote software upgrade, configuration and mornitoring**

***POE: 15W/12V without induction loop**

***POE+: 30W/12V without induction loop**

***POE++:60W/12V with induction loop**

***DC12V 5A(12V 60W):60W/12V with induction loop**

***IP66 vandal resistant marine grade stainless steel faceplate**

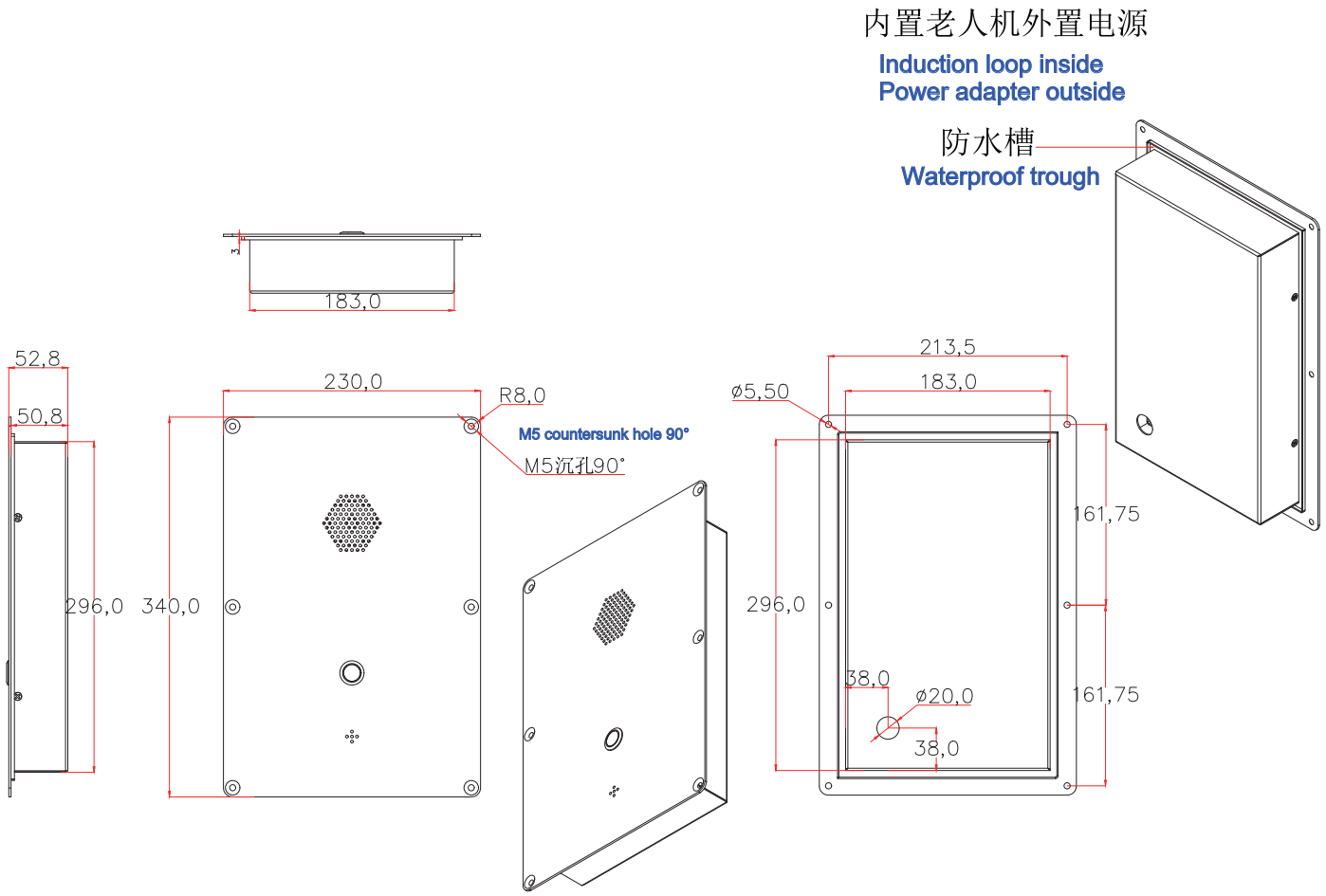
***LED indicator**

***Echo cancellation**

***Built-in dynamic noise reduction, to achieve high-quality voice communications**

Model	KNZD-009-IPIL
Construction	Stainless steel 304
Dimensions(W* H*D)	230*340*50mm
Weight	1.8kg
Operating Temperature	-40°F to +158°F/ -40℃ to +70℃
Relative Humidity	Up to 95% non-condensing
Protection	IP56, vandal-resistant and water-resistant design
Communication	Full duplex 2-way hands-free communication
Call Control Signaling	VOIP SIP Info(DTMF), RFC 2833(DTMF)
Audio Codes	G.711, G.722, G.729
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
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
MTBF	100000hours
MTTR	2 hours

Standard size



The induction loop system

The induction loop system is to include the following:

(a) an amplifier, and

(b) an induction loop surrounding the underside of the cover of the Video Intercom - Help Line.

The induction loop is to be activated through the miniature microphone of the intercom unit, and the induction loop sends out a signal to the hearing aids, always without operator intervention.

Specification

Power supply	12V DC
Max operation current	3A
Inputs	internal electret microphone, suitable line level/second microphone
Microphone sensitivity	66Dbm to -2dbm
Bandwidth	50Hz to 20Khz
Overall Performance	bandwidth at any output level 50hz to 15khz
Distortion	<1% TGD@1KHZ
DYN. AMIC RANGE	>90db©
Noise	<-49db
CMRR	>60db
Coverage(internal loop)	1.5m radius
Input level control Mic	-20+20db
Current	0.003ARMS @ 1KHZ 3.0 apeak
Standby	~30mW'
Maximum consumption	6W

Certification

RCM: AS/NZS CISPR 32 Australian communications:AS/CAS004
Australian Equipment-safety: AS/NZS 60950.1:2015
EMC: EN50121(Railway application-Electromagnetic Compatibility)
EN50122 (Railway applications - Fixed installations - Electrical Safety, Earthing and the return circuit)
EN45545

CE FC IP55 RoHS