Explosion proof telephone

KNEx8

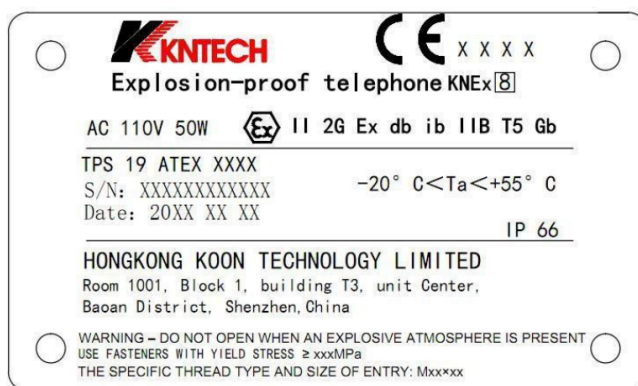IP Telephone Explosion Proof Telephone

| DESCRIPTION

- Robust aluminium alloy die-cast body, Vandal & tamper-resistanthardware.

- Waterproof rating IP66 dust proof.

- Full keypad with memory, dialling 10 groups of numbers stored in the memory.

- Magnetic reed hook-switch.

- Heavy Duty handset with hearing Aid compatible receiver, Noise canceling microphone.

- Handset with industrial strong curly cord .

- Stainless Steel keypad keep waterproof and dusty proof.

- With externalsafety ring indicator D20 with 80 0.5W and LED 5Vd.c./0.75W: with built-in amplifiermodule support external explosion proof horn 8 Ohm 30W.

- Door cover: orient automatically and good self - closing, convenient for use.

- Temperature range from -20 degree to +55 degree.

- Support echo cancellation.

- Powder coated in UV stabilized polyester finish.

- Application: Hazardousdust andgas atmospheres,petrochemical industry,Tunnel,metro, railway, LRT, speedway, marine, ship,offshore, mine, power plant, bridge etc.
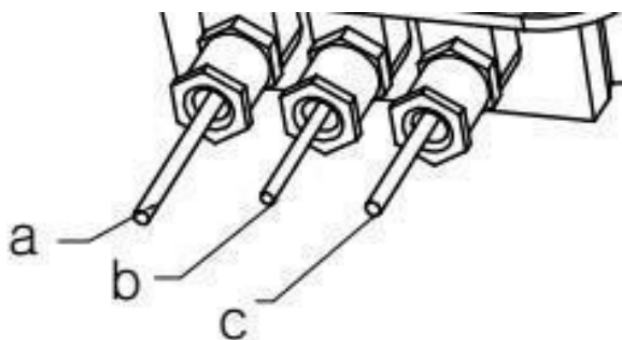
SPECIFICATION

DTMF dialling.　　VoIP SIP2.0 telephone.

Typesof protection	II 2G Ex db ib IIB T5 Gb -20℃ to 55℃
MTBF	100000hours
Call Control Signaling	VOIP SIP Info(DTMF), RFC 2833(DTMF)
Power supply	AC220V Or AC110V (option) Auxiliary
Contacts	1 Aux Output, dry contact Contact Ratings.
Sound level of ringing	over 90dB(A).At 50cm distance
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, 30VDC
Max.switching current	1A
Sound level of ringing	over 100dB(A).at 50cm distance
Speed dialing keypad	Super strong function is available for dialing 3 groups of numbers stored in the memory
Audio Codes	G.711, G.722, G.729
Network	10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better
IP Protocols	IPv4, UDP, DHCP, SIP
LAN Protocols	Power over Ethernet (PoE,802.3af) Network Access Control (IEEE802.1x), HTTP,HTTPS,SIP2.0
Programming	Non-volatile flash memory programming and configuration through WebGUI
Management and Operation	DHCP and static IP, remote automatic software upgrade, centralized monitoring.
Echo cancellation code	G.167/G.168
Housing	construction robust aluminium alley die-cast body
Unit size	278*349*161mm
Weight	10.65kg(not include speaker and light)
Environment conditions	Ambient temperature: -20℃ to 55℃. Relative humidity:10%~95% Atmospheric pressure: 86~106Kpa Circumstance noise:less than 60dB(A) Degree of protection: IP66
WIFI	Ethernet port： 2 (one of which is used for an external network port transformer) Working frequency： 2.4G Working frequency： 802.11b/g/n: 2.4GHz-2.483GHz (China)

KNTECH
Explosion-proof telephone KNEx 8

CE XXXX

AC 110V 50W Ex II 2G Ex db ib IIB T5 Gb

TPS 19 ATEX XXXX
S/N: XXXXXXXXXXX   −20° C<Ta<+55° C
Date: 20XX XX XX

IP 66

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Baoan District, Shenzhen, China

WARNING − DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
USE FASTENERS WITH YIELD STRESS ≥ xxxMPa
THE SPECIFIC THREAD TYPE AND SIZE OF ENTRY: Mxx×xx

KNTECH's Partners

HUAWEI	ALSTOM mobility by nature	THALES	SIEMENS	HITACHI Inspire the Next	ABB
PARSONS	中国中车 CRRC	MTR	aramco	NSW / sydney METRO	दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड DELHI METRO RAIL CORPORATION LTD.
MRT CORP	ADNOC	ST Engineering	信興集團 SHUN HING GROUP	GTECH	中電控股 CLP Holdings
PCCW	中国交建 CHINA COMMUNICATIONS CONSTRUCTION	AVAYA	EV Dynamic	Honeywell	NEC
ZTE	PARSONS Parsons Delcan Inc.	中核集团 CNNC	FHC	中国铁建股份有限公司 CHINA RAILWAY CONSTRUCTION CORPORATION LIMITED	中国海洋石油有限公司

INTERFACE CONNECTION SCHEMATIC DIAGRAM
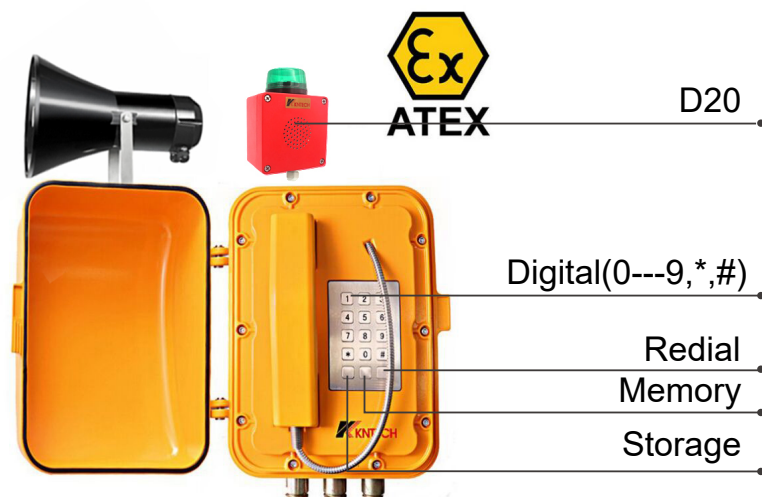

a : AC power cord (option : 3-core wire)

b : Network cable above cat 5

c : Headset and D20 ringtone and LED DC5V/0.75Wand explosion proof horn connection cable(option:8-core wire)
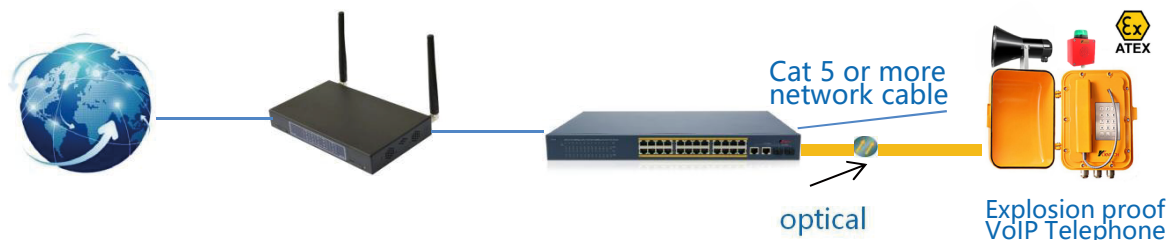
USER PROGRAMMING

pick up the Handset, press the keyboard

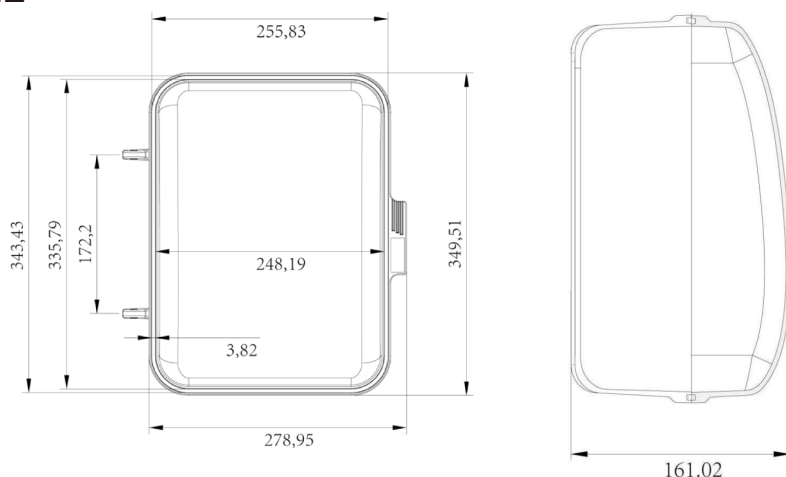storage key+address key (digital 0 --- 9) +phone number+storage key, and then hang up.

D20

Digital(0---9,*,#)

Redial

Memory

Storage

NETWORK CONNECTION

Connect the IP machine to the company's IP telephony network system. Beforeconnecting to the network, check whether the network systemis working properly.Direct network connection - In this way, you need at least one Ethernetport in your work place.Connect the LAN port to the Ethernet port of your workspace using the Ethernet cable on the back of the phone.

Cat 5 or more network cable

optical

Explosion proof VoIP Telephone

SIZE

255,83

343,43
335,79
172,2
248,19
3,82
278,95

349,51

161.02

All Dimensions are in mm