VOIP KNZD-41 FIRE Telephone

DESCRIPTION

1. Robust aluminium alloy die-cast body stainless steel face plate.

2. Weather resistant to IP65 or IP66 standard,service temperature range from -35 to +75℃

3. Dust proof keypad flash mounted.

4. Magnetic reed hook-switch and handset made of special engineering plastic, high anti-knock resistance ,weatherproof , armoured cable optional.

5. Lightening protection to ITU-T recommendation K.21.

6. POE power supply or DC12V.

7. Hearing aid compatible receiver, noise canceling microphone.

8. Support standard Session Initiation Protocol(SIP), RFC 3261.

9. Calling indoor extension for two-way conversation.

10. Support echo cancellation.

11. Remote software upgrade, configuration and monitoring.

12. Optional 7 minute time out to release the line if the other hand hang up.

13. Easy installation/replacement.

14. Vandal resistant and tamper-resistant hardware.

13. The housing covered with a layer of reflective label for easy identification at night.Optional

14. 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

Free dial(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:110 -

240AC Max.switching current:1A

Audio Codes:G.711, G.722, G.729

Network:10/100 Base TX 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

When there is fire, break FIRE,and make a phone call. The siren flash strobe lighting and sounding.Press blue button to mute siren sound during telephone conversation, at this time the siren stop sounding but still lighting and flashing. When finish the call , press blue button again, the siren will continue sounding untill replacement.

SELF MONITORING & DIAGNOS

Network switch

KNZD-41
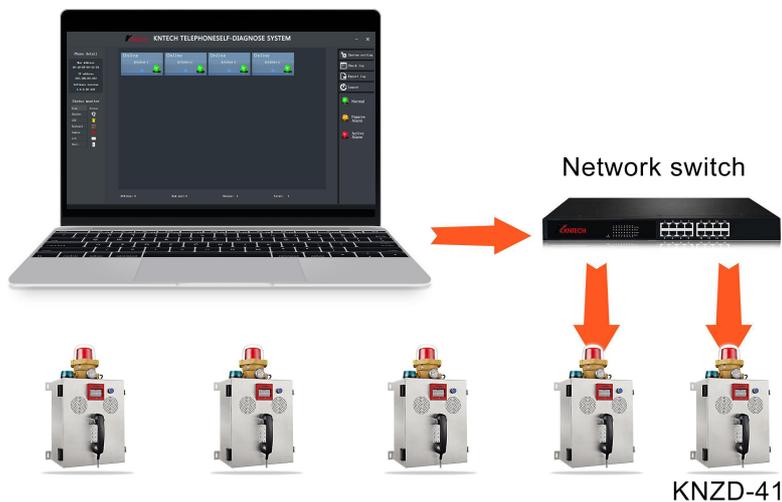
For the light and ip address status of the fire phone you can use the KNTECH telephone zmanagement system (TSS-1000), this system is design for control office to monitor the fire telephone and emergency call phone in real time to make sure all the phone station are in good working status. Ensure the control office know immediately if one telephone broken and can send someone out to repair it.

Fire telephone and TSS-1000 system communication at intervals , so you can use this mecha nism to monitor the light status of the fire telephone, also you can monitor the status of keypa d ,handset ,handset cord, microphone, telephone box, buzzer or others .
Detail on symbols, icons and color codes to identify objects monitoring status design
for easy operation.
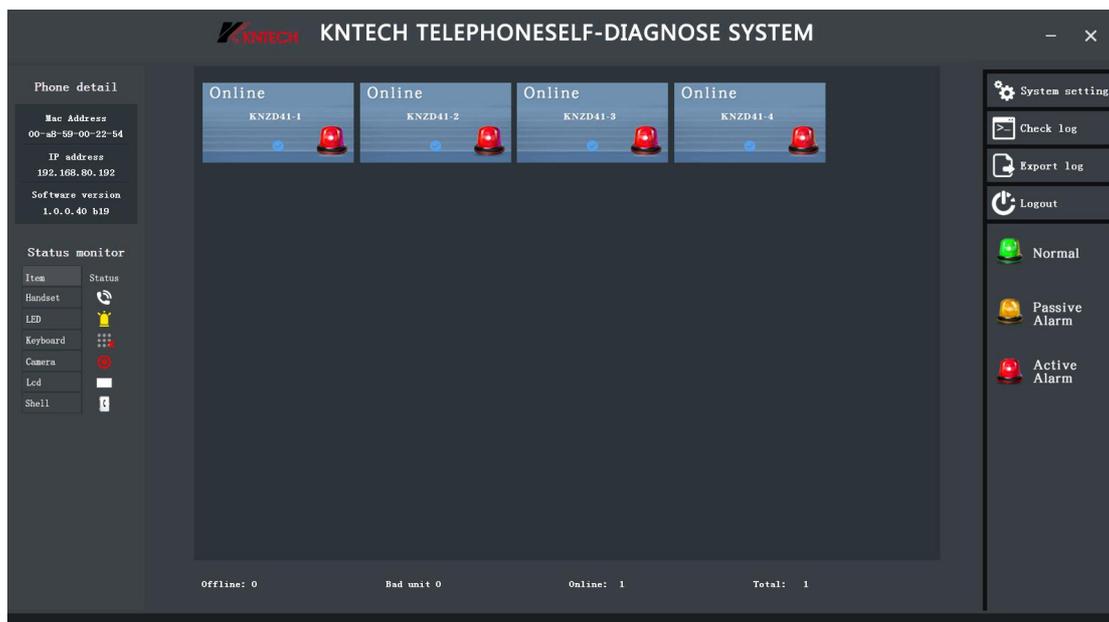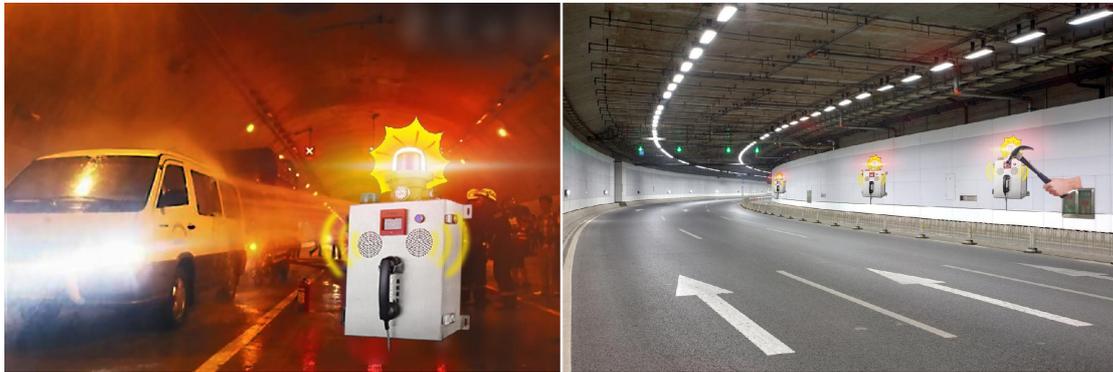
Combined Function

1.When the glass broken, the number "1" triggers 518, the number "2" is 518 turns on the loc al light, and the number "3" report to TSS-1000 through the switch, TSS-1000 will change fro m warning 1.When the glass broken, the number "1" triggers 518, the number "2" is 518 turns on the local light,and the number "3" report to TSS-1000 through the switch, TSS-1000 will c hange from warning .status to alarm status, TSS-1000 will show the phone that triggering alar m action, meanwhile, the number"4" will be notify other KNZD-41 to act digital " 5 " turn on the lights alarm by TSS-1000.

2. When the glass broken, all the KNZD-41 are in the alarm status. It can be forcibly turn off all alarm sounds and lights on the TSS-1000 interface. Click the corresponding buttons, the

number "6" notify all KNZD-41 to stop alarm . But when the broken glass been repaired, it need to re-click the button on TSS-1000 interface to turn on the alarm monitoring function, otherwise, TSS-1000 will forbid all alarm monitoring function of KNZD-41, without any action.

3. When broken glass of the alarming KNZD-41 been repaired , the number "1" is trigger 518, the number "2" is 518 turn off the LAMP, at the same time, the number "2" report to TSS-1000 through the switch, TSS-1000 will from alarm status to alert status, it will shows returning to alert status on TSS-1000.

 In this case, there are two situation for all other KNZD-41:

 A: If carried out as above 2nd that forcibly turn off the alarming, the other KNZD-41 will back to alert status,

 B: If do not carried out as above 2nd that forcibly turn off the alarming one TSS-1000 software interface. when the broken glass of alarming KNZD-41 been repaired, and then TSS-1000 received the information that alarming KNZD -41 already been repaired, TSS-1000 will notify the other KNZD-41 to execute the digital "6" action and return to the alert status.

The system is highly reliable.simply installed and operation.just running the TSS-1000 in your computer. Its an good idea to working with KNTECH telephone, command server also working with SIEMENS/AVAYA/HUAWEI/ZTE/ALCATEL/NEC.and any brand.

Remark: Fire telephone can provide dry contact to work with your fire control panel.