



VoIP KN618 Emergency Telephone

DESCRIPTION ITEM NO. KN618

Working at -40°C~+70°C hazardous pure industrial environment
4 ~100 I/O output and input for external control
Support WAN/LAN, Duplex Intercom, Echo Cancellation, Upgrade Online
With Camera optional
With TFT display and Camera optional
Web page up to 50+ IP station group/direct call without IPPBX
Adjustable sound volume
IP address Sound reporting or LCD display
Door phone RFID card reader available upon request
Board cast amplifier for paging option
CCTV trigger available
SIP 2.0 and private protocol
5 years warranty

Features

1. Industrial PCB, supports working at -40 °C + 75 °C
2. 7" digital TFT-LCD display screen
3. HD voice with high quality headset/HD voice in speakerphone mode
4. Support 3 SIP account as backup and supports log in different server.
5. Supports TR069 (Optoin)
6. Supports dry contact. (Optoin)
7. Incoming calling ring, customized the time
8. FTP uploading
9. Support intercom setting. Remote/local/password to open the door
10. Customized face recognition
11. Echo cancellation



SPECIFICATION

- | | | | |
|--|--------------------|---|--------------------------------|
| 1. Calling display | 2. Auto answer | VOIP Telephone | BI-Directional Video telephone |
| 3. Auto release the calling | 4. Hotline setting | Scratch resistant, | HD Screen |
| 5. Supports speed dial, group dial and rolling dial | | SIP supports 5 SIP servers | SIP 2.0 Support |
| 6. Point to point calling, no need server | | TR069(Optional) | |
| 7. Microphone Volume adjustment | | 7" digital TFT-LCD of 1024 x 600 pixels with Visual | |
| 8. Voice Codes: G.711 A, G.711 MU, G.723, G.729, G.726 | | angle adjustable display screen | |
| 9. Video Codes: H.264 | | sensor camera with 5Mega pixels | 2xLAN, PoE, USB |
| 10. Data backup, restore factory setting | | TWO group of speed dial for emergency call. | |
| 11. SIP 2.0, SIP Info(DTMF), RFC 2833(DTMF) | | Protection: About IP65 (IP66 Optoin) | |
| 12. Supports TCP, UDP, ICMP, RARP, APR, NTP | | Speaker: 8 ohm 1.5W, loudness 85dB(A) to 65dB(A) | |
| 13. Upgrading online | | MIC's working distance 80cm | |
| 14. Supports POE(802.3af) | | Ring: >95dB. Coverage 1.5m radius | |
| 15. Supports DHCP/Static/PPPOE | | The call button is flash when ring, lighting during a call, off when standby. | |
| 16. Supports HTTP/HTTPS | | HD voice with high quality headset/HD voice in | |
| 17. Two RJ45 Lan 10/100M | | speakerphone mode | |

TFT Screen features

Voice Codecs: G.711a/u, G.7231 high/low, G.729a/b, G.722, G.726, iLBC, AMR-NB; AMR-WB
 Video codecs: H.263, H.264, MPEG4 Video resolution: QCIF, CIF, QVGA
 Photo Format: PEG GIF and BMP PNG Video formats: MP4, 3 GP and FLV
 Echo cancellation: G.168 compatible with the LEC, including hands-free(AEC)
 VGS, VAD, CNG, Jitter buffer Speakerphone full-duplex
 Possibility of registering a domain or implementation of SIP calls Peer to peer
 Support for STUN Support for the SIP SMS Adjusting the volume in all modes (headset/ hands-free/
 headset wire/ bell) Contrast : 1000 : 1
 Brightness : 450cd/m²
 Viewing Angle : 178 degrees horizontal / 178 degrees vertical (at contrast ratio 10:1)
 Screen orientation Portrait instead of landscape.

Spe of Built-in induction loop(Optional)

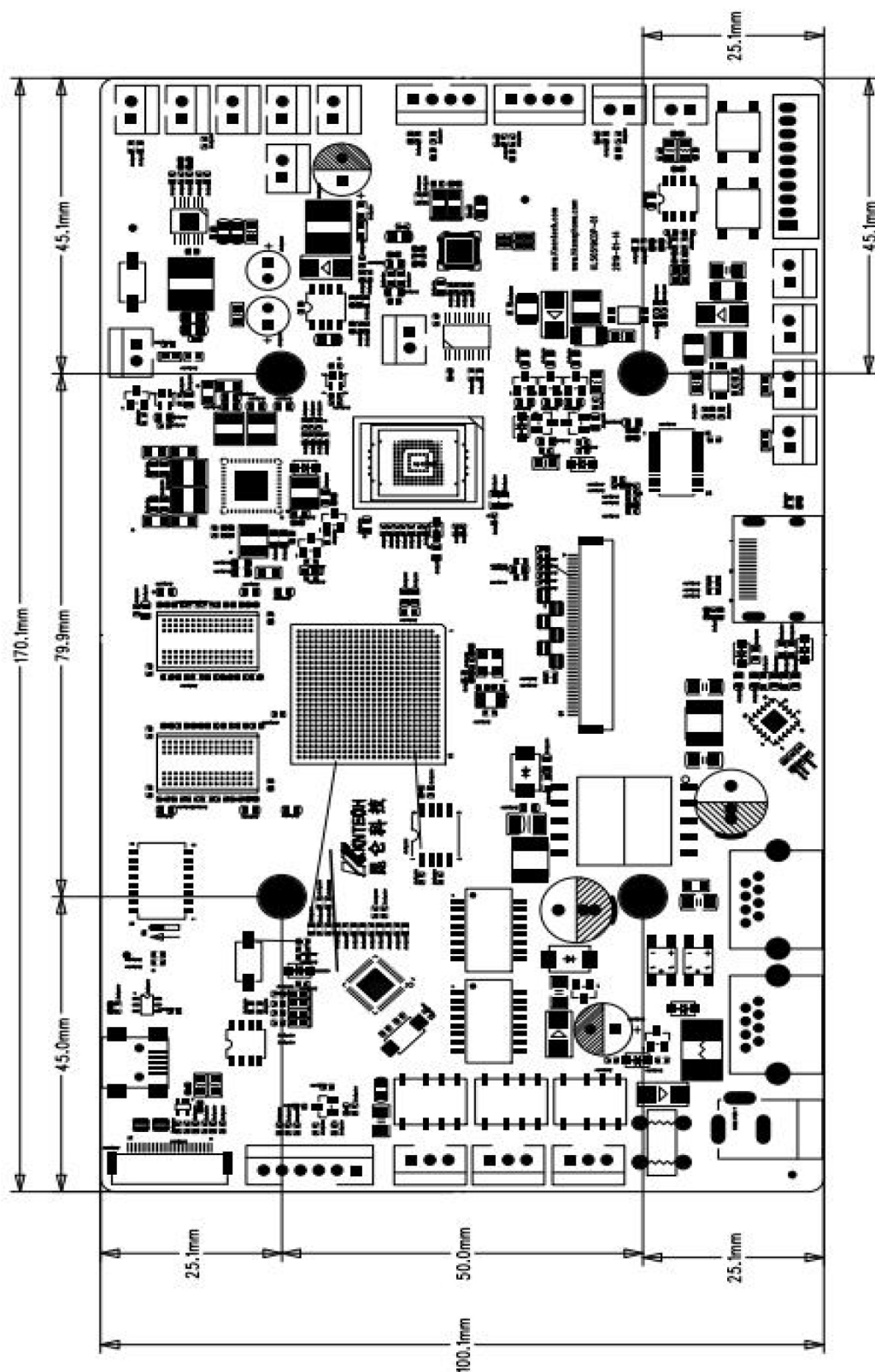
With induction loop coverage 1M radius.
 Supply voltage: 12V DC
 Max operation current: 3A
 Inputs: internal electret microphone, suitable line level/second microphone
 Microphone: sensitivity: 66Dbm to -2dbm Bandwidth 50Hz to 20Khz
 Overall Performance: bandwidth at any output level 50hz to 15khz Distortion:<0.5% TGD@1KHZ
 DYNAMIC RANGE:>90db Noise:<-86db CMRR:>84DB
 Coverage(internal loop)1m radius Input level control Mic:-40+40db
 Power output: current 0.8ARMS @1KHZ 3.0apeak
 Quality: Tested to and conforms with BS7594 and BS6.83 PART 4, en60118-4
 Power consumption: standby 25ma (0.04w) Maximum in use 1.5A(9W)



WIFI SPECIFICATION(Optional feature)

Memory	64MByte DDR2
Flash	4MByte
Connection	1 x Reset button(Reset & Factory Defaults)
	2 x 10/100
	1 x Power DC Jack
Data rate	11b: 11M, 5.5M, 2M, 1Mbps
	11g: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps
	11n: 6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M
	58.5M, 65M, 81M, 108M, 121.5M, 135M, 150Mbps
Transmission mode	DSSS
Standard	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3U
Frequency domain	2412—2472MHz
Protocols	CSMA/CA, TCP/IP, DHCP, HTTP, TELNET, TFTP, ICMP
Power consumption	<5W
Power supply	12V/1A

SIZE



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)

PACKING



Unit size:20*10*10cm Unit: N.W: 0.4KG

150pcs packing box size: 59*47*46cm Unit N.W: 60KG Unit G.W:63KG