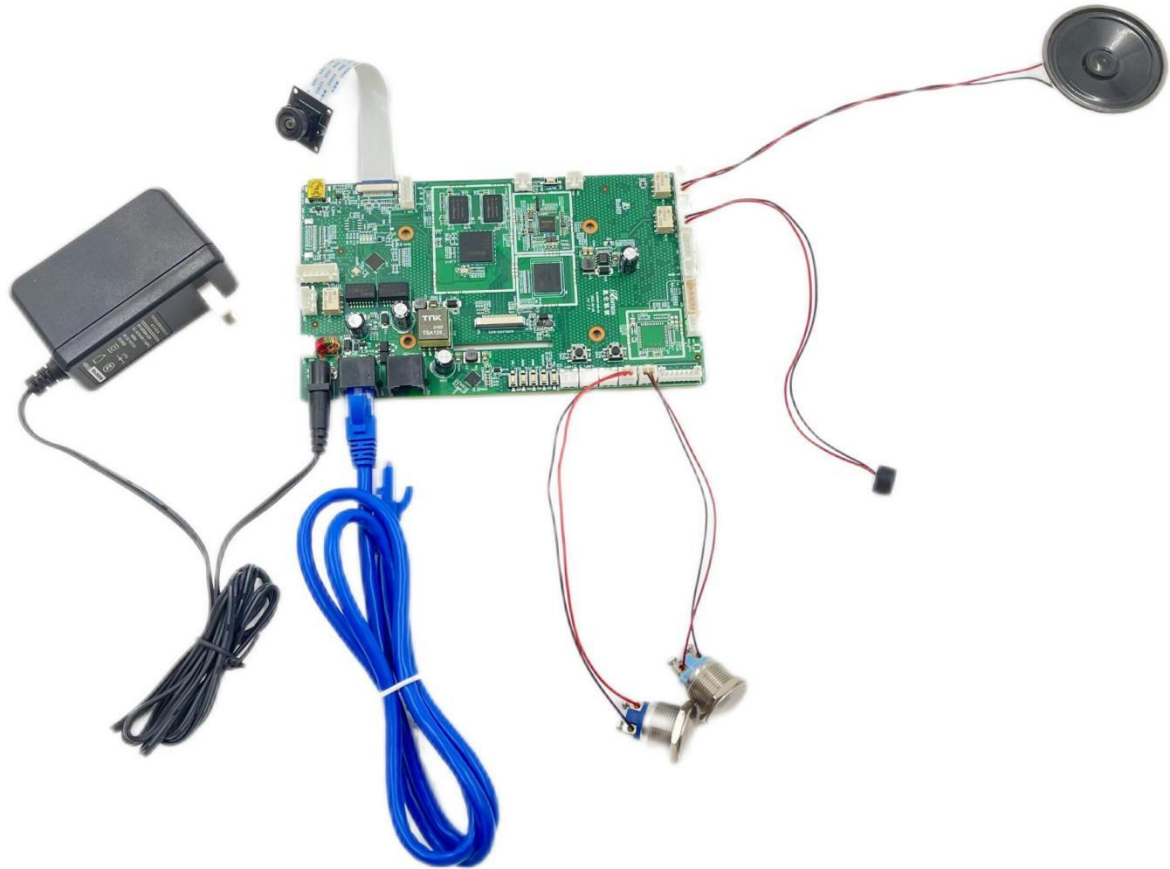


# SIP Video PCB Board KN718



## **Main features**

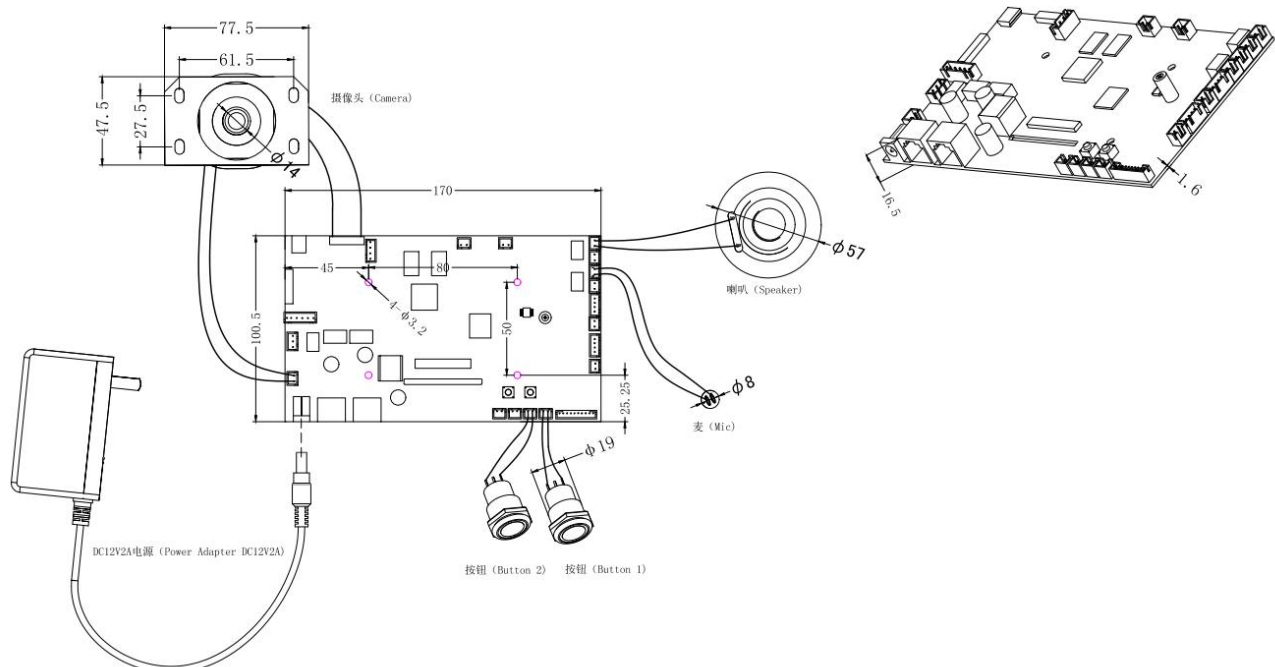
1. Working at  $-20^{\circ}\text{C}$ - $+70^{\circ}\text{C}$  hazardous industrial environment, 3 I/O output and input for external control optional.
2. Support WAN/LAN, full duplex two way communication, echo cancellation, remote upgrade online.
3. Web page up to 50+ IP station group/direct call without IPPBX, adjustable sound volume.
4. IP address sound reporting.
5. Support call video recording auto upload function.
6. Support HD camera 720P 15 frames or 1080P 25 frames optional.
7. Support POE or DC12V powered.
8. Camera with or without night vision luminous ring optional.
9. Built-in 3W speaker, can be upgraded to 6W.
10. Hands-free one-button or 2-button speed dialing, or free dialing with keypad optional.
11. Door phone RFID card reader available upon request, boardcast amplifier for paging optional.
12. CCTV and other third party equipment trigger available.
13. SIP 2.0 protocol.
14. 5 years warranty.

## PCB specifications

1. SIP 2.0 and IMS platform operators, the interconnection between mainstream manufacturers IP PBX.
2. High-end chips: the embedded import chip, stable and reliable.
3. Call flexible: support hands-free, handset, headset operating mode.
4. Voice interface: hands-free, handset, headset, audio interfaces and an external amplifier interface.
5. Power supply: DC12V, and compatible POE power supply mode (POE 802.3af ClassI48V)
6. Alarm Interface: Built-in three-way input detecting short circuit, output short-circuit three-way.
7. Telecom-level voice: support full-duplex speakerphone, providing Telecom level voice quality.
8. On board amplifier: Built-in 3W / 4Ω digital amplifier, drive loudspeakers directly.
9. Remote adjust volume: support the console remote to adjust the volume.
10. Multiple key options: support dial any telephone number, the numeric keypad and function keys, speed dial buttons, editing keys.
11. Status indicate: support registration, call status indication.
12. Multi-party call: supports three-way calling or multiparty call (multiparty conferencing).
13. MIC Mute: Support IPPBX broadcast voice call, local MIC automatically mute to avoid howling.
14. Warning lights drive: support indicator lights for coming calls and taking.
15. Camera:

<b>Total Pixels</b>	720P(1280*720)15fps / 1080P(1920*1080) 25fps
<b>Min. illumination</b>	0.1lux
<b>Field of view</b>	150° horizontal Opposite angles 170°
<b>Lens</b>	2.75mm
<b>Frame rate</b>	15fps, 25fps, MJPEG, H.264
<b>Streamine</b>	Dual-stream at different frame rate and bandwidth

## PCB interfaces



**Variety of terminals for DIY assembling**

Outdoor & indoor application, SOS telephone, help point, handset emergency phone, hand-free emergency phone, help phone, outdoor emergency phone, call point, metro help phone, SIP video phone, public phone, loud speaking phone, bank service telephone, elevator phone, etc.

**Business fields**

Telecommunication device, VoIP speakers, emergency intercom, emergency telephone. For public address, industrial, onshore, shipyards, ship building, power plant, steel plant, airport, metro, bank, tunnel, ...etc. **PCB surface glued protection: water-proof, dust-proof, oxidation-proof.**

**The three reasons you choose KNTech**

The best industrial telecommunication VoIP broadcasting system!  
Less than a half price of other businesses!  
24X7 hours on line service!

**These brand of IP PBX are compatible****Quality assurance**