

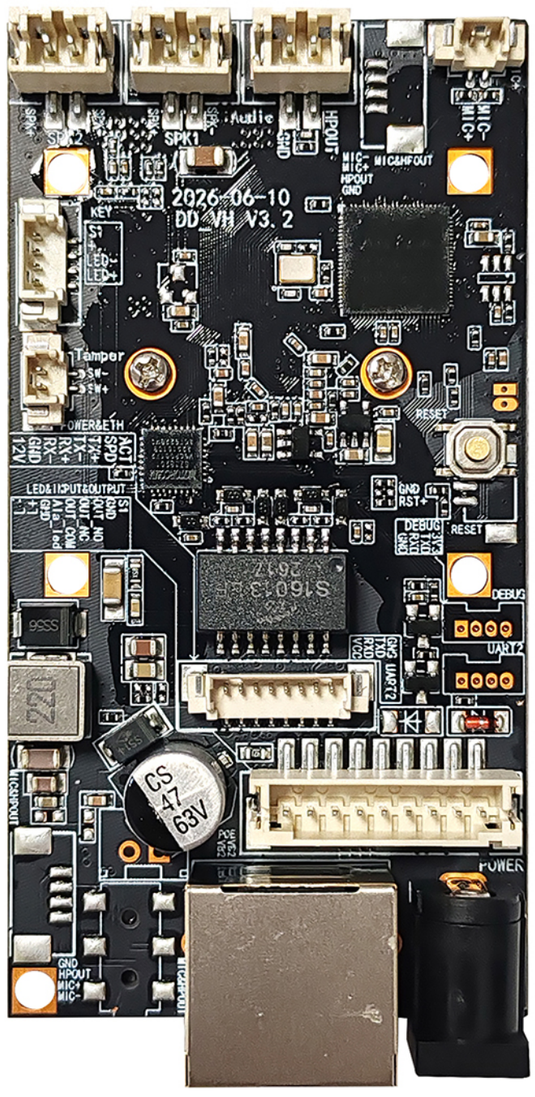
Video Intercom Core Board

High-definition Video Intercom Core Board, integrated with camera module, audio & video codec and network transmission unit. Equipped with rich peripheral interfaces for audio, keys, tamper alarm, etc. Built-in lightning & ESD protection, waterproof, durable. Supports audio I/O, IP network (cross-segment & cross-router), broadcast, APP remote control and video linkage.

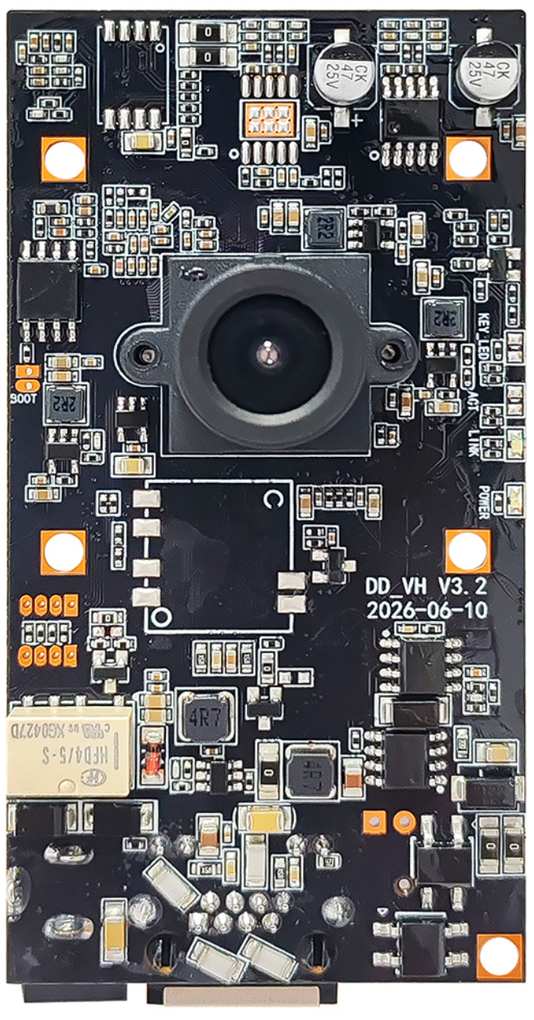
- ☑ LAN / POE Powered
- ☑ SIP Intercom
- ☑ Button Alarm
- ☑ Dual-color LED
- ☑ Auto Alarm by Noise Detection
- ☑ Wired / Wi-Fi (Opt.)
- ☑ Full-duplex Audio Intercom
- ☑ 2×30W Speaker Output
- ☑ IP Network, Cross Subnet & Router
- ☑ 24/7 Audio & Video Recording
- ☑ Onvif Camera Linkage
- ☑ Active Monitoring
- ☑ Real-time & Scheduled Broadcast
- ☑ External Audible-Visual Alarm Supported
- ☑ Multi-terminal Alarm Reception (Server/APP/Mini Program/Web /Desk/Manager), First Answer Takes Charge

Board Schematic (Real Product):44mmx87mm

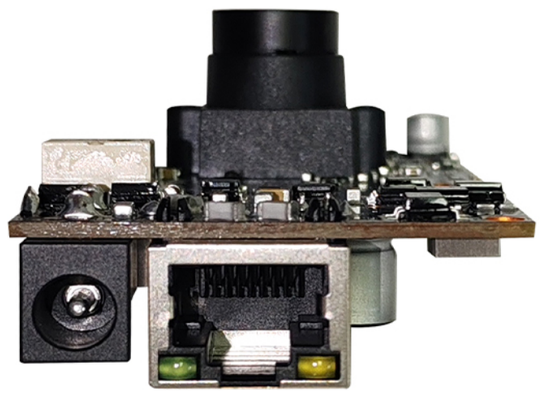
Front



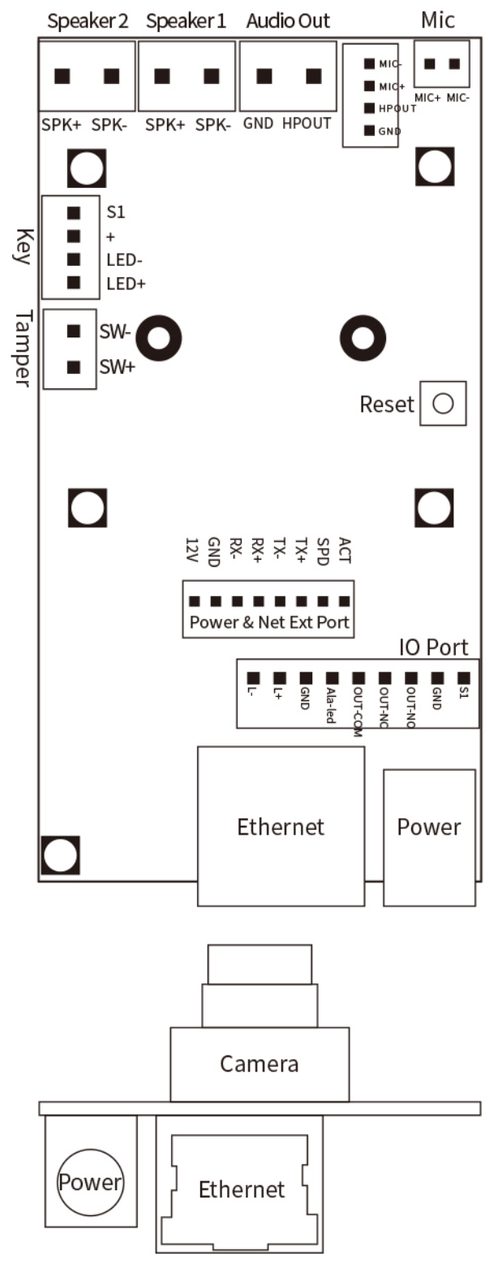
Rear

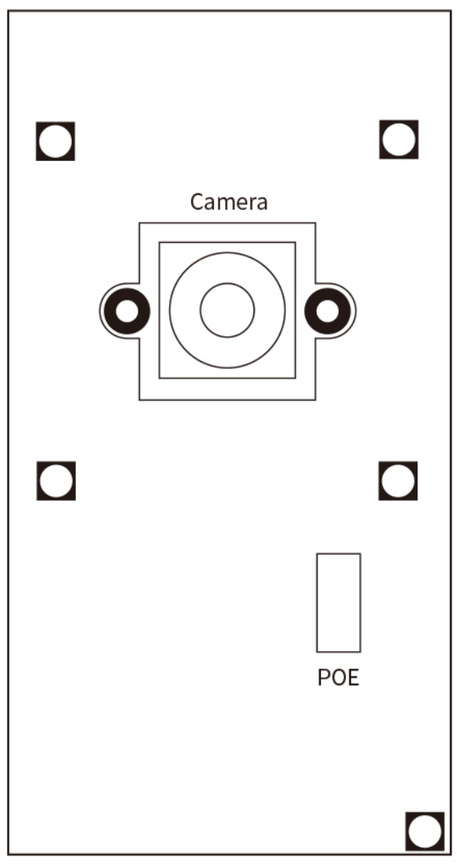


Side



Core Board Wiring Diagram





Specifications

OS	Embedded Linux OS	Output Interface	1CH Relay Output (Opt.)
Processor	High-performance Embedded SOC Processor	Serial Port	1CH TTL Serial Port
Ethernet Port	10/100M Adaptive Ethernet Port	Audio Output	2×30W
Video Compression	H.264, 30FPS	Controllable 5V Output	1CH
Key Interface	1CH (With LED)	Power Supply	POE / DC 12V
Alarm Light Interface	1CH 12V Output	Dimension	44mm×87mm
Input Interface	1CH	Operating Temp.	-35°C~75°C