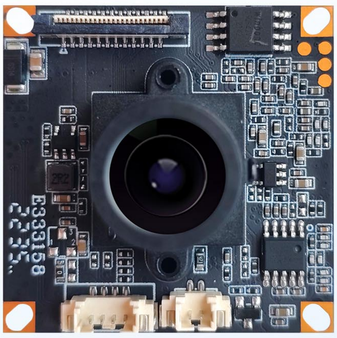
38 × 38 MM · ULTRA-COMPACT SIP SOLUTION

SIP Intercom Core Board (38×38mm)

Model DD-38*38



01 Overview

Benchmark AV intercom for compact, low-power designs

A benchmark-level audio and video intercom solution for ultra-compact, cost-effective, low-power applications. Differentiated in size, cost and integration — the ultimate cost-effective entry-level product for security and intercom devices.

SIP	HD	I/O
Native SIP Protocol	1080P@30fps Video	On-Board Alarm I/O
LED	PCB	OEM
Status Indicator Lights	Labeled Interfaces	Firmware Customization

Key Features

SHORT LIST

- ✓ Single-chip SIP stack: registration, two-way audio/video, call forwarding, multi-party calls; works with IP phones, alarms and intercoms
- ✓ H.265/H.264 dual encoding 1080P@30fps, WDR and 3D noise reduction; clear low-light images, noise-free two-way voice
- ✓ One-button and anti-disassembly alarm I/O; triggers SIP calls, voice announcements and platform notifications
- ✓ Network status and alarm indicator lights make construction and maintenance intuitive
- ✓ Silk-screened Network / MIC / Alarm interfaces; integrates mini IPC, doorbell, elevator intercom and alarm terminals
- ✓ Firmware, logo and protocol customization; adapts to customer-specific and national standard platforms

Specifications

Operating System	Embedded Linux Operating System	Video Compression	H.264/25FPS
Processor	High-Performance Embedded SOC Processor	Power Supply	DC 12V
Network Port	10/100M Auto-Negotiation Ethernet Port	External Dimensions	38mm×38mm
Key Interface	1 Channel (with Indicators)	Operating Temperature	-30℃~75℃