

# SG-Intercom Terminal

IP Video Intercom Terminal



## Technical Specification

Processor	High performance embedded SOC processor
Operating System	Embedded LINUX operating system
Sensor CMOS	sensor with 200W pixels
Video compression	H.264/30FPS
Audio input built-in	highly sensitive omnidirectional microphone
Audio output	built-in speaker + 1×LINE OUT
Compression standards	G.711, G.713, GSM, DAC
Compression bit rate	64KBPS/8KBPS
Sound quality	Professional echo cancellation and noise suppression
Ethernet	10M/100M adaptive
Network protocols	TCP/IP and DNP
Network port	10/100M Adaptive Ethernet port
Alarm	interface 3 x switching quantity input, 1 x switching quantity output
Power supply	DC 12V 1A
Power consumption	≤5W
Aluminum	alloy wire drawing panel
Dimensions	206mm×120mm×38mm
Installation dimensions	201mm x 114mm x 32mm
Operating temperature	-30°C to 70°C

## Functions

### One-Click Alarm / Emergency Call

Enables instant alarm activation or emergency assistance with a single button press.

### HD Video Intercom

Supports high-definition video communication for clear visual interaction.

### Full-Duplex Voice Communication

Allows simultaneous two-way communication without interruption.

### Remote APP Visual Intercom (Optional)

Supports remote visual intercom control via mobile application.

### 4G Networking (Optional)

Optional 4G connectivity for flexible deployment without wired networks.

### Video Linkage Multi-Screen (Optional)

Supports multi-screen video linkage for enhanced monitoring and control.

### Monitoring & Listening Function

Enables real-time monitoring and remote listening capabilities.

### Recording & Video Storage

Supports audio/video recording with local server storage and export function.

### Broadcast Voice Function

Allows live or scheduled voice broadcasting across the network.

### Hierarchical Call Transfer

Supports multi-level authority routing; if the first responder does not answer, the call is automatically forwarded to the next level.

### Electronic Map Display

Displays alarm points on an electronic map and supports multiple response stations.

### Highly Sensitive Microphone

Captures voice clearly, even in noisy environments.

### High-Quality Loudspeakers

Delivers clear and powerful audio output.

### Aluminum Alloy Brushed Panel

Durable brushed aluminum alloy panel with enhanced strength and premium appearance.

### IP Network Architecture

Supports cross-network segment and cross-router communication for scalable deployment. This model is support to work with SG-IP Speaker and SG-IP Phone.

