

i86 Series

SIP Audio Intercom

Flyingvoice i86 series is specifically designed for secure and convenience indoor and outdoor operation with an IP65 waterproof-certified and dust-resistant casing. It offers audio intercom, configurable buttons and broadcasting function that empower hotels, nursing homes, schools, hospitals, apartments, and more different usage scenarios with voice intercom solution that expands security and communication capabilities, meeting various demands of users.



Main Features:

- **International Standard Appearance Design**

It can be easily attached to the type86 surface mount back box for wall installation.

- **Strong Compatibility with SIP**

Based on SIP protocols, it can easily access the mainstream IPPBX in the market and can be deployed and used in both LAN and WAN.

- **HD Voice and Dual MIC**

i86 is equipped with "dual MIC array", providing users with clear and high-quality voice; It supports Opus and G.722 codec to provide users with abundant communication intercom functions.

- **High Protection Level**

Built with an IP65 waterproof-certified and dust-resistant plastic casing for secure indoor and outdoor operation in temperatures between -40 °C to 75 °C.

- **Easy Configuration and Effortless Management**

Integrated 802.11n 2.4GHz Wi-Fi and support for online management platforms such as FACS, FRPS and FDC to configure your device more conveniently even for mass deployment in seconds.

Product Description			
Model	i86-01	i86-02	i86-03
Appearance			
Function Key	1 * Speed Dial	2 * Speed Dial	1 * Speed Dial 1 * Unlock
Size	> 86mm* 86mm*38.8mm (L*W*H)		
PoE	> Support		
Power Supply	> PoE or DC 12V/1A		
Dual Microphone Array	> Support		
Speaker	> 1W 8Ω		
Port and Slot	> 1 RJ45 port: 100M Ethernet Port > 1 set of short-circuit input port: Rated voltage 12V > 1 set of short-circuit output port: NC/COM connected by default, Rated voltage 12V, Maximum Voltage DC 30V/1A, AC 125V/0.3A > 1 power port: DC input 12V /1A > 1 expansion card slot for TF card		
Wi-Fi	> Built-in 2.4G Wi-Fi (For Configuration)		
Protection Level	> IP65		
Operating Temperature	> -40~75°C		
Intercom Function			
Basic Function	> 2 SIP lines, one-touch help, one-touch alarm, two-way intercom, real-time broadcast, short-circuit input/output control		
IP Direct Dial	> Support		
Funtion Key	> Support custom settings: speed dial, multicast, Action Url		
IP Broadcasting method	> Long-press 3s for voice broadcast		
Audio Features			
Narrowband Encoding	> G.711(A/u), iLBC, G.729A/B		
Broadband Encoding	> G.722, Opus		

HD Voice	> Duplex Intercom Acoustic Echo Cancel > Voice Activity Detection > Comfort Noise Generator > Packet Loss Concealment
DTMF	> In-band, RFC 2833, SIP info
Network Features	
Network Speed	> 10/100Mbps Ethernet
IP Mode	> IPv4/IPv6/IPv4&IPv6
IP Acquisition Method	> Static IP setting, Dynamic DHCP acquisition (Default)
Network Security	> Support DSCP, 802.1p QoS > Link layer discovery protocol > VPN: OpenVPN > Support SRTP, TLS call encryption > Support IEEE802.1x media access control
Time Synchronization	> Support SNTP protocol
Configuration & Maintenance	
Automated Deployment	> TR069 network management (TR104/TR106) > FTP/TFTP/HTTP/HTTPS auto configuration > Support FACS Cloud Network Management Access > Support Flyingvoice FRPS redirection > DHCP Option66
Management and Maintenance	> Support Web configuration > Support factory reset, reboot > Support packet capture and system log export
IP-PBX Features	> Server-based recording capabilities > Outbound calls
Others	
Package Contents	> i86-01/ i86-02/ i86-03* 1 > Quick Installation Guide * 1 > Connector * 1 > Screw Driver * 1, Screws*2 > Qty/CTN: 20 PCS > N.W/CTN: 7.74 kg > G.W/CTN: 10.10 kg > Gift box size: 137mm*126mm*64mm > Carton size: 340mm*268mm*298mm
Certification & Compatibility	
	

About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters, VoIP gateways and VoIP routers, which are widely used through- out the world and highly praised by international carriers, ITSP, ISP and company users.

Driven by ongoing innovation of VoWLAN, Flyingvoice is committed to make easier VoIP products by enabling the enterprise network and united communication. Our people are continuously improving our products and expanding product applications tailored to clients' requirements, which make you collaborate securely, effectively and efficiently – anytime & anywhere.

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Technical Support

Visit www.flyingvoice.com for product documents and FAQ, or contact Flyingvoice by email at support@flyingvoice.com. We'll get you the help you need.



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