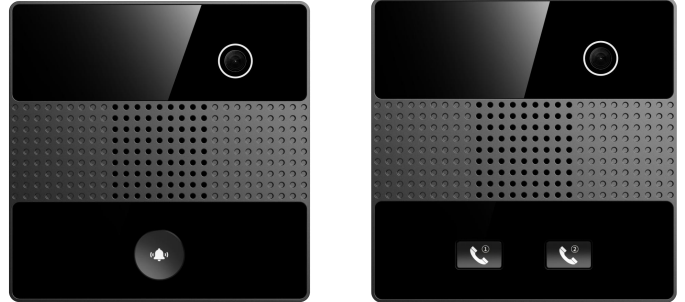# FLYINGVOICE

## i86V Series

## SIP Video & Audio Intercom

Flyingvoice i86 Video series includes two models: i86V-01 and i86V-02. The body is standard type-86 size, can be installed in the standard type-86 bottom box. i86V series support -40 ~ 75°C wide temperature operating range with IP65 protection level which is suitable for indoor and outdoor environment. With built-in 1080p HD camera and speed dial button, i86V can realize one-touch call and video linkage, is perfectly adapted to all kinds of usage scenario of industrial users.



IP65 · Video · (Wi-Fi) · HD · (MIC) · 75°C/-40°C · 86mm

## Main Features:

- **International Standard Appearance Design**

  The body of i86V adopts standard type-86 size design and supports standard type-86 bottom box, which is universal and can cover multiple installation scenarios.

- **Video Surveillance for Security**

  Built-in 2.0 megapixel, HD 1080P camera with H.264 encoding, can be linked with FIP15G Plus.

- **Strong Compatibility**

  Based on SIP protocol, 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**

  i86V 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 FACS, FRPS and FDC to configure your device more conveniently even for mass deployment in seconds.

| Product Description | | |
|---|---|---|
| Model | i86V-01 | i86V-02 |
| Appearance | | |
| Function Key | 1 * Speed Dial | 2 * Speed Dial |
| 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<br>> 1 set of short-circuit input port: Rated voltage 12V<br>> 1 set of short-circuit output port: NC/COM connected by default, Rated voltage 12V, Maximum voltage DC 30V/1A, AC 125V/0.3A<br>> 1 power port: DC input 12V /1A<br>> 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 | |
| Video Monitoring | > Support RTSP video streaming | |
| IP Broadcasting | > 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<br>> Voice Activity Detection<br>> Comfort Noise Generator<br>> Packet Loss Concealment |
| DTMF | > In-band, RFC 2833, SIP info |
| **Video Features** | |
| Pixel | > 2.0 mega pixel |
| Maximum Resolution | > 1920H*1080V |
| Video Encoding | > H.264 |
| View Angle | > Diagonal: 113°, Horizontal: 97°, Vertical: 58° |
| **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<br>> Link layer discovery protocol<br>> VPN：OpenVPN<br>> Support SRTP, TLS call encryption<br>> Support IEEE802.1x media access control |
| Time Synchronization | > Support SNTP |
| **Configuration & Maintenance** | |
| Automated Deployment | > TR069 network management（TR104/TR106）<br>> FTP/TFTP/HTTP/HTTPS auto configuration<br>> Support FACS Cloud Network Management Access<br>> Support Flyingvoice FRPS redirection<br>> DHCP Option66 |
| Management and Maintenance | > Support Web configuration<br>> Support factory reset, reboot<br>> Support packet capture and system log export |
| IP-PBX Features | > Server-based recording capabilities<br>> Outbound calls |
| **Others** | |
| Package List | > i86V-01 or i86V-02 * 1<br>> Quick Installation Guide * 1<br>> Connector * 1<br>> Screw Driver<br>> Screws |
| Certification | CE  FC  RoHS 2011/65/EC |
| Compatibility | Yeastar   ZYCOO   New Rock |

# FLYINGVOICE

## 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.

## Copyright

## 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.

Flyingvoice Network Technology Co., Ltd. Website: www.flyingvoice.com
Add: 1801-1802, Building 1, Chongwen Park, Nanshan Zhiyuan,
Nanshan District, Shenzhen, China.