

## FIP16Plus

### Dual-Band IP Phone with Belt Clip

FIP16Plus is a portable IP phone designed for office and home. It supports wireless connection and can realize fast roaming across APs, which is very suitable for those who need to walk around the office areas. The built-in 4000mA high-capacity battery supports 12 hours talk time and 120 hours standby time. It supports dual-band 2.4GHz & 5GHz Wi-Fi, which can be deployed flexibly. With a belt clip, FIP16Plus is easy to use and can free your hands for other tasks.



### Key Features and Benefits

#### Easy to Use, Flexible Deployment

FIP16Plus is equipped with a 1.8-inch TFT screen and user-friendly UI design. Supports built-in 2.4GHz & 5GHz Wi-Fi, and deployment can be completed quickly without changing the existing IP network wiring.

#### Meet Various Application Needs

FIP16Plus is portable, and the belt clip can free your hands when it's inconvenient for you to hold. Besides, you can have continuous calling with fast roaming while moving.

#### HD Voice Quality

FIP16Plus provides excellent voice quality. We have created high-definition sound quality solutions for handset and hands-free scenarios, even in a noisy environment.

#### High Security and compatibility

All conversations are secure. We make use of security algorithms such as configuration files utilising AES, SRTP and TLS call encryption. FIP16Plus is compatible with SIP-based PBX platforms such as Asterisk, Broadsoft and 3CX.

- 1.8" TFT color display with backlight
- 2 SIP accounts
- HD Voice
- 2.4GHz & 5GHz Wi-Fi
- 120 hours standby time
- 12 hours talk time
- Fast Roaming
- 1 x Micro USB port
- 1 x 3.5mm headphone jack
- 6-Way conferencing

### Audio Features

- > HD voice: HD handset, HD speaker
- > Wideband Codec: G.722, Opus, AMR-WB(Optional), G.711WB(Optional)
- > Narrowband Codec: G.711(A/u), iLBC, G.729A/B, G.723, G.726, AMR-NB(Optional)
- > DTMF: In-band, RFC 2833, SIP INFO
- > Full-duplex hands-free speakerphone
- > VAD, CNG, AEC, PLC, AJB, AGC
- > Automatic Noise Suppression

### Phone Features

- > 2 SIP accounts
- > Call hold, mute, DND, redial, auto answer
- > One-touch speed dial, hotline, SMS
- > Call forward, call waiting, call transfer (attended/blind)
- > Paging, intercom
- > 6-Way conferencing
- > Direct IP call without SIP proxy
- > Set date time manually or automatically (SNTP)
- > Dial rule
- > IP conflict detection
- > 2.4GHz & 5GHz Wi-Fi
- > Call registry
- > Flexible dial plan
- > Customized dial tones
- > Automatic switchover

### Directory

- > Phone book (2000 records)
- > Black list
- > XML/LDAP remote phonebook
- > Phonebook search/import/export
- > Call history: dialed/received/missed (60 records)

### IP-PBX Features

- > Anonymous call, anonymous call rejection
- > Voice mail, call park, call pickup
- > Message waiting indicator (MWI)

### Feature Keys

- > 6 features keys: hands-free speakerphone, voice mail, call, hang up, hold, mute
- > 2 Soft Keys
- > 5 Navigate Keys
- > Volume+/-

### Display and Indicator

- > 1.8" 128 x 160px color LCD screen with backlight
- > 16-bit depth color
- > Intuitive user interface with icons and soft keys
- > Multilingual user interface
- > Caller ID with name and number
- > Power saving
- > 12 languages (including Spanish/English)

### Interface

- > 1 x 3.5mm headphone jack
- > 1 x Micro USB port

### Management

- > Configuration: browser/phone/auto-provision
- > FTP/TFTP/HTTP/HTTPS for Auto Provisioning
- > TR069 (TR104/TR106)
- > Reset to factory, reboot
- > Package tracing export, system log, telnet
- > DNS/DNS SRV (RFC 1706, RFC2782)
- > NAPTR for SIP URI lookup (RFC2915)
- > Cloud device management: FACS
- > Editable configuration file
- > DHCP client

### Network and Security

- > SIP v1 (RFC2543), v2 (RFC3261)
- > Call server redundancy supported
- > NAT Traversal By STUN
- > Proxy mode and peer-to-peer SIP link mode
- > HTTP/HTTPS web server
- > SDP (RFC2327), UDP/TCP
- > 802.1Q, 802.1P QoS
- > SRTP
- > TLS
- > HTTPS certificate manager
- > AES encryption for configuration file
- > Digest authentication
- > IEEE802.1X, OpenVPN
- > IEEE 802.11k/r
- > IEEE 802.11a/b/g/n/ac
- > IPv4 /IPv6, Dual stack IPv4/IPv6
- > RTP/RTCP (RFC1889, RFC1890)
- > ARP/RARP (RFC826/903)
- > SNMPv2
- > Layer 3 (ToS, DiffServ)
- > LLDP
- > 2-level password

### Others

- > Color: Black
- > AC/DC Adapter
  - AC Input: 100~240V, 50~60Hz
  - DC Output: 5V, 2A
- > Power consumption (PSU): 10W
- > Battery: 4000mAh Battery
- > Dimension (W x H x T):
  - 48mm x 182mm x 28mm
- > Relative humidity: 10%~90% No Condensing
- > Storage temperature: -25~ 65°C
- > Operation temperature: 0~45°C
- > Ingress protection level: IP52

### Package Contents

- > Flyingvoice FIP16Plus IP Phone
- > USB cab
- > USB charging station
- > Belt clip
- > Quick Installation guide
- > USB charging station
- > Qty/CTN: 10 PCS
- > N.W/CTN: 5.8 kg
- > G.W/CTN: 6.14 kg
- > Giftbox size: 202mm x 116mm x 65mm
- > Carton size: 355mm x 250mm x 230mm



## About Flyingvoice

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

Driven by ongoing innovation of VoWLAN, Flyingvoice is committed to making 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](http://www.flyingvoice.com) for product documents and FAQ, or contact Flyingvoice by email at [support@flyingvoice.com](mailto:support@flyingvoice.com). We'll get you the help you need.



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