

## FIP16

### Cordless Wi-Fi IP Phone

FIP16 is a portable IP phone designed for office and home use. Utilise your existing Wi-Fi network to roam through your office without the additional requirement of range extenders. The built-in 4000mA high-capacity battery supports 10 hours talk time and 12 hours standby time. Charging power is provided via the Micro USB charging station. You also have the option of utilising either 2.4GHz or 5GHz across your Wi-Fi network.



### Key Features and Benefits



#### Simple and Easy to Use

FIP16 comes with a simple yet ergonomic design. Plastics are soft-touch providing build quality peace of mind. Pre-configuration allows for a simple installation process making that first call easy.



#### Flexible Deployment

Whether in your corporate office or home office, say goodbye to complex deployments, connect with people the way you like. FIP16 supports dual-band Wi-Fi that allows 2.4GHz or 5GHz connection (600Mbps).



#### HD Voice Quality

FIP16 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. FIP16 is compatible with SIP-based PBX platforms such as Asterisk, Broadsoft and 3CX.

- 1.8" TFT color display
- 2 SIP accounts
- HD Voice
- 2.4GHz & 5GHz Wi-Fi
- 1 x Micro USB port
- 1 x 3.5mm headphone jack
- 4000mA battery

### Audio Features

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

### 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
- > 3-Way conferencing
- > Direct IP call without SIP proxy
- > Set date time manually or automatically
- > Dial rule
- > IP conflict detection
- > 2.4GHz & 5GHz Wi-Fi

### Directory

- > Phone book (2000 records)
- > Black list
- > XML 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

### Interface

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

### Management

- > Configuration: browser/phone/auto-provision
- > TFTP/HTTP/HTTPS for Auto Provisioning
- > TR069 (TR104/TR106)
- > Reset to factory, reboot
- > Package tracing export, system log
- > DNS/DNS SRV (RFC 1706, RFC 2782)
- > NAPTR for SIP URI lookup (RFC 2915)
- > Cloud device management: FCMS
- > DHCP server and DHCP client

### Others

- > Color: Black
- > AC/DC Adapter
  - AC Input: 100~240V, 50~60Hz
  - DC Output: 5V, 1A
- > Power consumption(PSU): 1.5-3.5W
- > Battery: 4000mA 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

### 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
- > IP assignment: Static IP and DHCP
- > HTTP/HTTPS web server
- > Time and date synchronization using SNTP
- > SDP (RFC 2327) , UDP/TCP
- > DSCP and 802.1p QoS
- > SRTP
- > TLS
- > HTTPS certificate manager
- > AES encryption for configuration file
- > Digest authentication
- > VPN: PPTP, L2TP, OpenVPN
- > IPv4 /IPv6 ,Dual stack IPv4/IPv6
- > RTP/RTCP (RFC 1889, RFC 1890)
- > ARP/RARP (RFC 826/903)
- > 802.1p/DSCP
- > SNMPv2

### Package Contents

- > Flyingvoice FIP16 IP Phone
- USB cable
- USB charging station
- Quick start guide
- > Qty/CTN: 10 PCS
- > N.W/CTN: 4.82 kg
- > G.W/CTN: 5.84 kg
- > Giftbox size: 204mm x 119mm x 69mm
- > Carton meas: 355mm x 230mm x 250mm

### Certificated by



### Compatible with



## About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters, VoIP gateways 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 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](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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