F3SOHOIP Phone

The phone designed for OEM

F3 IP Phone series is an industrial masterpiece offers superior user experience and simplicity for home and office users with elegant appearance and intelligent software. F3 is positioning to be not only a telephone siting on a user's desktop for communication, but also a nice artwork in your living room or office.

F3 Series Specifications Comparison

Model	Screen	Handset	Ethernet	PoE	Power Adapter
F3E	2.4″	Non-HD	10/100Mbps	✗	✓
F3EP	2.4″	Non-HD	10/100Mbps	✓	✗
F3	2.8″	HD	10/100Mbps	✗	✓
F3P	2.8″	HD	10/100Mbps	✓	✗
F3G	2.8″	HD	10/100/1000Mbps	✓	✗

F3 Series OEM Options

✓Logo(Handset、LCD logo displayed)

✓On Animation

✓Web UI

✓Packaging Design

Generic
- 2 SIP Lines
- HD Voice
- POE Enabled(F3EP、F3P、F3G)
- Handset(HS) / Hands-free(HF) / Headphone(HP) Mode
(EHS support for Plantronics headsets via PlantronicsAPD-80 cable)
- Desktop / Wall-mount installation
- Economical and Environmental friendly package
- Industrial Standard Certifications: CE/FCC

Call Features
- Call out / answer / reject
- Mute / unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line

Phone Features
- Intelligent Phonebook (up to 500 entries total)
- Remote Phonebook (XML/LDAP)
- Intelligent Contact Number Filtering
- Call log (500 entries total, in/out/missed)
- Voice Message Waiting Indication (VMWI)
- Network Time Synchronization
- Multi-language support in screen and web UI: English, Chinese(Traditional/Simplified), Japanese, Russian, Italian, Turkish, Germany, Dutch, Spanish,Hebrew,Polish, French,Arabic, etc.

Audio
- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Networking

• Physical: 10/100Mbps (F3E、F3EP、F3、F3P) 10/100/1000(F3G)Mbps Ethernet, dual bridged port for PC bypass
• IP Configuration: Static / DHCP / PPPoE
• Network Access Control: 802.1x
• VPN: L2TP (Basic Unencrypted) / OpenVPN
• VLAN
• LLDP
• QoS
• RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

Protocols

• SIP2.0 over UDP/TCP/TLS
• RTP/RTCP/SRTP
• STUN
• DHCP
• PPPoE
• 802.1x
• L2TP (Basic Unencrypted)
• OpenVPN
• SNTP
• FTP/TFTP
• HTTP/HTTPS
• TR069

RFCs:

354/1321/1350/1769/1889/1890/2131/2132/2616/2617/2661/2833/
2976/3261/3262/3263/3264/3265/3268/3311/
3489/3611/3711/4346/4566/5630/5865/6035

Deployment & Maintenance

• Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
• Web Management Portal
• Web-based Packet Dump
• Configuration Backup/Restore
• Auto/Manual Online Software Upgrade
• Syslog

Physical Specifications

• LCD x1: 2.4/2.8 inch (320x240) color-screen LCD
• Keypad: 28 keys, including
   4 Soft-keys
   12 Standard Phone Digits keys
   5 Navigation keys
   2 Line keys with tri-color LED
   4 Function key
   1 Hands-free
• HD Hands-free Speaker (0~7KHz) x1
• HD Hands-free Microphone (0~7KHz) x1
• HD Handset (RJ9) x1
• Standard RJ9 Handset Wire x1
• 1.5M CAT5 Ethernet Cable x1
• RJ9 Phone Jacket x2: Handset x1, Headphone x1
• RJ45 Ethernet Jacket x2:
Network x1 (802.3AF POE Class 1 for F3P;802.3AF POE Class 2 for F3G;),
PC x1 (Bridged to Network)
• DC Power Input: 5V/600mA(F3) 5V/1A(F3G)
• Power Consumption: (F3)Idle – ~1.1W, Peak –~1.8W
                     (F3G)Idle – ~1.55W, Peak –~2.25W
• Working Temperature: -10~50℃
• Working Humidity: 10~95%
• Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
• Color: Black(K)
• Package Dimensions:250x250x70mm(W x H x L)

Compatibility