

Fanvil Smart Edge IP Phone

7" TFT LCD, Touch Screen, Android 2.1

Model: SE780 IP Video Phone



HD Voice



Video



Android System



SE780 is the advanced IP video phone based on Android OS 2.1. It is equipped with the latest Broadcom video chipset, a 7" adjustable LCD touch screen with 800x480 pixels and a 2M pixel camera. Android OS guarantees the easy customization for telecom operator and service provider. The intelligent OS, superior video quality, rich applications and affordable price, ensure SE780 IP video phone is the Pioneer for next generation smart video telephony.

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Basic Feature

- Support SIP 2.0 (RFC3261) and correlative RFCs
- Support IAX2 (Optional)
- Support PSTN call(Optional)
- SIP supports 4 SIP servers, and backup SIP servers. Can connect to these SIP servers at the same time.
- Voice Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722, G.726, iLBC, AMR-NB, AMR-WB
- Video Codec: H.263, H.264, MPEG4
- Video solution: QCIF、CIF、QVGA
- Image format: PEG、PNG、GIF and BMP
- Video format: mp4、3gp and flv
- Echo cancellation: G.168 Compliance in LEC, additional acoustic echo cancellation(AEC) can reach 96ms max filter length in hands-free mode
- Support Voice Gain Setting, VAD, CNG
- Support jitter buffer
- Full duplex hands-free speakerphone
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP call
- DTMF Relay: support inband, SIP info, RFC2833
- Support customized music rings
- Support STUN
- Support SMS based on SIP
- Volume(handfree/handset/headset/ring) adjustment
- Visual angle adjustable display screen
- Professional Speaker/handset HD Voice
- Ergonomic handset(acoustical cochlea)

Advanced Application

Features

- Touched, Large dot matrix LCD display and softkeys make user easier to use
- Friendly graphic menu
- Multilanguage realizes localization
- SIP application: support forward/transfer (blind/attended/alert)/ holding/ waiting/ 3 ways conference/ paging and intercom/ call park/ pickup/ join call/ redial and unredial/ click to dial//secondary dialing automatically
- Predial
- Voice recording during talking /local

- Call control features: flexible dial map, hotline, empty calling no. reject service, black list for reject authenticated call, white list, limit call, do no disturb, auto answer, caller ID, CLIR (reject the anonymous call), CLIP (make a call with anonymous), Dial without register
- Human voice caller ID indication
- Human voice num keypad indication
- Voice recording during talking/auto answer/local
- Incoming calls /outgoing calls / missing calls. Each support100 records.
- Support Phonebook 2000 records
- Phone book records export/import
- XML phone book
- Photo frame
- Media player(mp4, mp3, wav, wma)
- Usb disk file management
- System files management
- Support VoIP(SIP/RTP) encryption (e.g. RC4)

Network Features

- WAN/LAN: support switch mode
- Support PoE (802.3af)
- Support DHCP Client on WAN
- Support main DNS and secondary DNS server
- Support VLAN (Optional)
- Support NTP Client
- Support VPN L2TP , Open VPN/TLS, SRTP, HTTPS(Optional)
- Support QoS with DiffServ(Optional)
- Support MD5 authentication
- Network tools in telnet server: including ping, trace route, telnet client

Maintenance and Management

- Android 2.1
- Third party android application, e.g. email, IM, internet Radio, web browser
- Application market
- Desktop/google search
- Desktop widget
- Web ,telnet and keypad management
- Management with different account right
- Support automatic upgrades/configuration deployment
- Support encrypted configuration files download with AES
- Support pushing message
- Support SNMP (Optional)
- Support TR-069 (Optional)

Specification

Item	SE780	
Adapter(Input/ Output)	input: 100-240V output: 12V/1A	
Port	WAN	10/100Base-T RJ-45 for LAN
	LAN	10/100Base-T RJ-45 for PC
	PSTN	RJ11
	headset	RJ9
	USB	Usb 2.0
Power Consumption	Idle : 2.5W/Active : 5W	
LCD Size	Diagonal: 7 inch Pixels: 800x480	
camera	2 mega pixel	
Operation Temperature	0~40°C	
Relative Humidity	10~65%	
CPU	Broadcom professional high performance VoIP Chipsets	
SDRAM	256MB	
Flash	512MB	
SD card	1GB	
Weight	phone:1.2Kg/total:1.8Kg	

Certification

