

## CooFone H83 IP Phone



ZYCOO CooFone H83 IP Phone is a high-end enterprise desktop IP phone which comes with 4 SIP accounts support, 2.8 inch LCD screen, 4 programmable softkeys and intelligent DSS Key-mapping to increase enterprise users' productivity at a cost-effective price.

High definition (HD) voice quality and all basic and advanced VoIP call features support. Users will enjoy every single call with CooFone-H83.

H83 IP phone also supports multifarious auto provisioning methods, such as FTP, TFTP, HTTP, HTTPS, DHCP OPT66, SIP PNP, TR069. Besides, when H83 is to be deployed with ZYCOO CooVox V2 series IPPBX (Firmware 3.0) it can be provisioned by simply enter a 3-digit Quick Register Ccode from the keypad. Deploying massive IP phones will never be so time and effort-saving.

### CooFone H83 Specifications

Items		Specifications
Screen		2.8 inch (320x240) LCD color-screen
HD Handset		RJ9
Network Interfaces	Network	10/100Mbps(802.3AF POE Class 1 Enabled)
	PC	10/100Mbps (Bridged to network)
HD Hands-free Speaker		0~7KHz
HD Hands-free Microphone		0~7KHz
RJ9 Phone port	Handset	
	Headset	
Keypad (39 keys)		8 DSS key with tri-color LED
		4 Soft-keys
		7 Function keys
		4 Navigation keys + 1 OK key
		12 Standard Phone Digits keys
		2 Volume Control keys, Up/Down
Power Input		DC 5V/0.6A
Power Consumption	Idle	1.3W
	Peak	4.3W
Working Temperature		0~40°C
Working Humidity		10~65%
Installation		Desktop
		Wall-mount
Color		Black
Package Dimension		260x255x62mm (L x W x H)

## Feature Highlights

### Call Features

- Answer / Reject Calls
- Mute / Unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Blind / Attended Call Transfer
- Call Parking / Pick-up
- Redial/Auto-Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- 3-way Conference
- Hot Line

### Phone Features

- 4 SIP Lines
- HD Voice
- Handset / Hands-free / Headset mode
- Phonebook (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (600 entries, in/out/missed)
- Black/White List Call Filtering
- Message Waiting Indication (MWI)
- Programmable Soft keys
- Network Time Synchronization
- Action URL / Active URI
- Industrial Standard Certifications: CE/FCC

### Audio

- HD Voice Microphone/Speaker
- Wideband ADC/DAC 16KHz Sampling
- Codecs: G.711a/u, G.723.1, G.726-32K, G.729AB, G.722
- Full-duplex Acoustic Echo Canceller (AEC)
- 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

- 10/100Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

### RFCs

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

### Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP/PT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet-dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog