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ZYCOO Zycoo Co., Ltd.

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CooFone H81 IP Phone

The CooFone-H81/H81P IP Phone is an all-new entry-level desktop IP phone. With 2-line SIP accounts support and high definition (HD) voice quality makes it cost effective for enterprise employees and middle managers.

Basic call features like Call Hold, Call Park, Call Transfer, etc., and advanced features like Voicemail, Call Logs, Phonebook, Busy Lamp Field, Do Not Disturb, etc., for users to communicate in a simple and flexible way.

H81 IP phone also supports multifarious auto provisioning methods, such as FTP, TFTP, HTTP, HTTPS, DHCPOPT66, SIP PNP, TR069. Besides, when H81 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 Code from the keypad. Deploying massive IP phones will never be so time and effort-saving.

CooFone H81 Specifications

Items		Specifications
Screen		128x48 dot-matrix with backlight
HD Handset		RJ9
Network Interfaces	Network	10/100Mbps(802.3AF POE Class 1 Enabled (H81P))
	PC	10/100Mbps (Bridged to network)
HD Hands-free Speaker		0~7KHz
HD Hands-free Microphone		0~7KHz
RJ9 Phone port		Handset
		Headset
Keypad (31 keys)		4 Soft-keys
		7 Function keys
		4 Navigation keys + 1 OK key
		12 Standard Phone Digits keys
		2 Volume Control keys, Up/Down
		1 Hands-free key
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)

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Feature Highlight

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
- 2 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/DHCPOPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet-dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog