



# IP Phone

## W202/W202P

W202/W202P is the cost-effective color screen SIP phone with high performance specially for enterprise. It features a 2.4-inch 320x240 pixel color screen, supporting 4 SIP lines and 6-way audio conference to render a user-friendly experience. W202/W202P has rich functions such as HD audio, dual 10/100 Mbps network ports and integrated PoE (only W202P), providing an efficient and high-quality business communication experience for enterprises.

## Highlights

- ☑ 2.4-inch 320x240 color screen.
- ☑ Support audio codec G.722 and Opus, HD audio on speakerphone and handset.
- ☑ Support 6-way audio conference.
- ☑ Support EHS wireless headset.
- ☑ Dual 10/100 Mbps ports, integrated PoE(only W202P).
- ☑ Two installation methods of desktop stand and wall mountable.

# Detailed parameters

<b>Generic</b>	4 SIP Lines	<b>Network</b>	Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
	HD Voice		IP Mode: IPv4/IPv6/IPv4&IPv6
	PoE Enabled (only W202P)		IP Configuration: Static IP / DHCP / PPPoE
	2.4-inch color screen		Network Access Control: 802.1x
	Handset / Hands-free / Headset mode		VPN: L2TP / OpenVPN
	Desktop Stand / Wall mountable(optional)		VLAN
	Optional External Power Supply		LLDP
<b>Phone Functions</b>	Local Phonebook (1000 entries)	<b>Protocols</b>	QoS
	Remote Phonebook (XML/LDAP, 1000 entries)		RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
	Call logs (In/Out/Missed, 1000 entries)		DNS-SRV (RFC 3263)
	Blocked List/Allowed List		Support Redundant Servers
	Screen saver		Agent
	Voice Message Waiting Indication(VMWI)		Https Mutual Authentication
	Programmable DSS/Soft keys		SIP v1 (RFC2543) v2(RFC3261)
	Network Time Synchronization		UDP/TCP/TLS
	Support Poly wireless headset (Through Poly APD-80 EHS Cable)		RTP/RTCP/SRTP (Optional/Compulsory)
	Support Jabra wireless headset (Through EHS20 EHS Cable)		STUN/MPLS
	Support Recording (Through Server)		DHCP/SNTP
	Action URL / Active URI		IPv6
	XML Browser		LLDP/ L2TP
	Customize Background		PPPoE
	uaCSTA		802.1x/QoS: 802.1p/Q (VLAN),Layer 3 ToS
	Customize Incoming Call Ringtone		OpenVPN
	Time Plan (timed reboot/timed forward/timed upgrade/timed config)		FTP/TFTP/HTTP/HTTPS
	Hidden DTMF		TR-069
	Ring From Headset		AES128 & AES256
	Customize DSS LED lights	<b>Deployment&amp; Management</b>	Support SIP v2 protocol with RFCs 2474, 3261, 3263, 3264, 3265, 3550, 4566, 5359, 6086
	Customize BLF		SHA-256 & SHA-256-sess/SHA-512/256 & SHA-512/256-sess
	Customize UI Display		Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
	Call out / Answer / Reject		Screenshot
	Mute / Unmute (Microphone)		Web Management Portal
	Call Hold / Resume		Web-based Packet Dump
	Call Waiting		Configuration Export / Import
	Intercom		Phonebook Import/Export
	Caller ID Display		Firmware Upgrade
	Speed Dial		Syslog
	Anonymous Call (Hide Caller ID)/Ban Anonymous call		Network Firewall
	Call Forward (Always/Busy/No Answer)		

<b>Phone Features</b>	Call Transfer (Attended/Unattended)	<b>Physical Specifications</b>	Online Upgrade
	Call Parking/Pick-up (Depending on server)		LCD: 2.4-inch (320x240) Color Screen
	Redial		<p>Keypad: 36 keys, including</p> <ul style="list-style-type: none"> <li>➤4 Soft-keys</li> <li>➤9 Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)</li> <li>➤3 Line keys (With LED Indicator Light)</li> <li>➤4 Navigation keys</li> <li>➤1 OK key</li> <li>➤12 Standard Phone Digits keys</li> <li>➤3 Volume Control keys (Up/Down/Mute (Microphone))(Microphone/Red LED indicator light))</li> </ul>
	Predial		
	Call Back		
	Do-Not-Disturb(DND)/Timed DND		
	Auto-Answering		
	SIP SMS		
	Voice Message (On server)		
	6-way Audio Conference		
	Hot Line		
	Hot Desking		
	Direct IP call without SIP proxy		
	Action Plan		
	Dial Plan		
	Call Completion/Auto Redial		
	Primary and Backup SIP Servers		
	Default Ext Line		
	Multicast		
	Fuzzy Search Call		
<b>Audio</b>	HD Voice: HD handset, HD speaker	Handset (RJ9) x1	
	Wideband ADC/DAC 16KHz Sampling	Standard RJ9 Handset Wire x1	
	Narrowband Codec: G.711a/u,G.723.1,G.726,G.729,G.729A, G.729B,G.729AB, iLBC	1.5M CAT.5E Ethernet Cable x1	
	Wideband Codec: G.722, Opus	Desktop Stand x1	
	Full-duplex Acoustic Echo Canceller (AEC)	Status Indicator Light x1 (Red)	
	Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)	RJ9 Port x2: Handset x1, Headset x1	
	Packet Loss Concealment (PLC)	RJ45 Port x2: Network x1, PC x1 (Bridged to Network)	
	Dynamic Adaptive Jitter Buffer	Security Slot x1	
	DTMF: In-band, Out-of-Band (RFC2833/SIP INFO)	Power: DC5V / 0.6A or PoE(only W202P)	
	VQM voice quality monitoring	➤POE complies with the IEEE802.3afstandard(only W202P)	
		➤Power adapter:Input:100-240VAC~50/60Hz Output:5V/0.6A	
		Power Consumption(Adapter): 0.84~1.43W	
		Power Consumption(PoE): 1.32~2.09W	
		Supports 802.3az	
	Working Temperature: -10~40°C		
	Working Humidity: 10~95%		
	Installation: ➤Desktop Stand ➤Wall mountable (optional )		
	Color: Black/Qty/CTN:10pcs		
	N.W/CTN: 8.88kg(X301), 8.83kg(W201P)		
	G.W/CTN: 9.68kg(X301), 9.63kg(W201P)		
	Device Dimensions: ➤ Desktop Stand (45°): 169x201.1x177.4mm ➤ Desktop Stand (50°): 169x191.9x185.8mm ➤ Wall mountable: 169x120.1x213.7 mm		
	Gift Box Dimensions: 250x220x55mm		
	Outer CTN Dimensions:460x300x270mm(10 PCS)		