



## IP Phone W201/W201P

W201/W201P is the cost-effective SIP phone with multi-function. It features a 2.3-inch 132x64 pixel dot-matrix display, supporting 2 SIP lines and 6-way audio conference to render a user-friendly experience. W201/W201P has rich functions such as HD audio, dual 10/100 Mbps network ports and integrated PoE(only W201P), providing an efficient and high-quality business communication experience for enterprises.

### Highlights

- ☑ 2.3-inch 132x64 pixel dot-matrix display.
- ☑ 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 network ports, integrated PoE(only W201P).
- ☑ Two installation methods of desktop stand and wall mountable.

# Detailed parameters

<b>Generic</b>	2 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 W201P)		IP Configuration: Static IP / DHCP / PPPoE
	Dot-matrix display 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, 600 entries)		DNS-SRV (RFC 3263)
	Blocked List/Allowed List		Support Redundant Servers
	Screen saver		Agent
	Voice Message Waiting Indication(VMWI)		Https Mutual Authentication
	Programmable Softkeys		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
	Support Recording (Through Server)		DHCP/SNTP
	Action URL / Active URI		IPv6
	XML Browser		LLDP/ L2TP
	Customize Boot Logo		PPPoE
	uaCSTA		802.1x/ 802.1p/Q
	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
<b>Call Management</b>	Call out / Answer / Reject	<b>Deployment &amp; Management</b>	Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
	Mute / Unmute (Microphone)		Screenshot
	Call Hold / Resume		Web Management Portal
	Call Waiting		Web-based Packet Dump
	Intercom		Configuration Export / Import
	Caller ID Display		Phonebook Import/Export
	Speed Dial		Firmware Upgrade
	Anonymous Call (Hide Caller ID)/Ban Anonymous call		Syslog
	Call Forward (Always/Busy/No Answer)		Network Firewall
	Call Transfer (Attended/Unattended)		Online Upgrade
	Call Parking/Pick-up (Depending on server)		

<b>Phone Features</b>	Redial	<b>Physical Specifications</b>	LCD: 132x64 pixel graphical LCD with backlight
	Predial		Keypad: 33 keys, including ➤4 Soft-keys ➤9 Function keys (Hold/Transfer/Voice ➤message/Conference/Phonebook /MWI/Headset/Redial/Hands-free) ➤4 Navigation keys ➤1 OK key ➤12 Standard Phone Digits keys ➤3 Volume Control keys (Up/Down/Mute (Microphone/Red LED indicator light))
	Call Back		Handset (RJ9) x1
	Do-Not-Disturb(DND)/Timed DND		Standard RJ9 Handset Wire x1
	Auto-Answering		1.5M CAT.5E Ethernet Cable x1
	SIP SMS		Desktop Stand x1
	Voice Message (On server)		Status Indicator Light x1 (Red)
	6-way Audio Conference		RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
	Hot Line		Security Slot x1
	Hot Desking		Power: DC5V / 0.6A or PoE ➤POE complies with the IEEE802.3afstandard ➤Power adapter:Input:100-240VAC~50/60Hz Output:5V/0.6A
	Direct IP call without SIP proxy		Power Consumption(Adapter): 0.8~1.29W
	Action Plan		Power Consumption(PoE): 1.25~1.86W
	Dial Plan		Working Temperature: 0~45°C
	Call Completion/Auto Redial		Working Humidity: 10~95%
	Primary and Backup SIP Servers		Installation: ➤Desktop Stand ➤Wall mountable (optional )
	Default Ext Line		Color: Black
	Multicast		N.W/CTN: 8.88kg(W201), 8.83kg(W201P)
Fuzzy Search Call	G.W/CTN: 9.68kg(W201), 9.63kg(W201P)		
<b>Audio</b>	HD Voice: HD handset, HD speaker	Device Dimensions: ➤ Desktop Stand (45°): 169x201.1x177.4mm ➤Desktop Stand (50°): 169x191.9x185.8mm ➤Wall mountable: 169x120.1x213.7 mm	
	Wideband ADC/DAC 16KHz Sampling	Gift Box Dimensions: 250x220x55mm	
	Narrowband Codec: G.711a/u,G.723.1,G.726,G.729,G.729A, G.729B,G.729AB, iLBC	Outer CTN Dimensions:460x300x270mm(10 PCS)	
	Wideband Codec: G.722, Opus		
	Full-duplex Acoustic Echo Canceller (AEC)		
	Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)		
	Packet Loss Concealment (PLC)		
	Dynamic Adaptive Jitter Buffer		
	DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)		
	VQM voice quality monitoring		