

Comparison Table-Yealink T2X IP Phone Comparison

Specification		Yealink SIP-T28P	Polycom 550	Polycom 560	Cisco SPA504G	Cisco SPA514G	Yealink SIP-T22P	Polycom 335
Model	Picture							
Key Features	MSRP	\$ 189	\$ 355	\$ 449	\$ 189	\$ 219	\$ 109	\$ 199
	HD Voice	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset
	Line Keys	6 hard keys 16 lines if required	4 hard keys	4 hard keys	4 hard keys	4 hard keys	3 hard keys	2 hard keys
	Soft Keys	4	4	4	4	4	4	3
	Programmable keys(Speed dial, etc.)	16	4	4	4	4	3	2
	LCD Display	320x160 graphic LCD with 4-level grayscale	320 x 160 grayscale graphical LCD	320 x 160 grayscale graphical LCD	128 x 64 monochrome graphical LCD	128 x 64 monochrome graphical LCD	132x64 graphic LCD	102 x 33 grayscale graphical LCD
	Backlit-LCD	✓	✓	✓	✓	✓	✓	✓
	Touch Screen	X	X	X	X	X	X	X
	Dedicated headset key	✓	✓	✓	✓	✓	✓	✓
	Headset connection(s)	Wired/Wireless (EHS adapter with Jabra and Plantronic wireless headsets)	Wired/Wireless (EHS adapter with Jabra and Plantronic wireless headsets)	Wired/Wireless (EHS adapter with Jabra and Plantronic wireless headsets)	Wired(No EHS support)	Wired/Wireless (EHS adapter with Jabra and Plantronic wireless headsets)	Wired(No EHS support)	Wired/Wireless (EHS adapter with Jabra and Plantronic wireless headsets)
	Gigabit Ethernet	X	X	✓	X	✓	X	X
	Speakerphone	✓	✓	✓	✓	✓	✓	✓
	Full-duplex hands-free speakerphone	✓	✓	✓	✓	✓	✓	✓
	Power consumption	1.6-2.6W	3.3-6.1W	6.0-8.5W	—	—	1.5-2.6W	2.9-4.1W
	G.722 HD codec	✓	✓	✓	✓	✓	✓	✓
	Narrowband Codecs	G.711µ/a, G.723.1, G.726, G.729AB, iLBC, GSM	G.711 µ/a, G.729 a/b	G.711 µ/a, G.729 a/b	G.711µ/a, G.726, G.729 A	G.711µ/a, G.726, G.729 A	G.711µ/a, G.723.1, G.726, G.729AB, iLBC, GSM	G.711 µ/a, G.729 a/b
	Voice activity detection	✓	✓	✓	✓	✓	✓	✓
	Comfort noise fill	✓	✓	✓	✓	✓	✓	✓
	DTMF tone generation/DTMF event RTP payload	✓	✓	✓	✓	✓	✓	✓
	Low-delay audio packet transmission	✓	✓	✓	✓	✓	✓	✓
	Adaptive jitter buffers	✓	✓	✓	✓	✓	✓	✓
	Packet loss concealment	✓	✓	✓	✓	✓	✓	✓
	Acoustic echo cancellation	✓	✓	✓	✓	✓	✓	✓
	Background noise suppression	✓	✓	✓	✓	✓	✓	✓
	WLAN Ethernet input option (or add-on)	X	X	X	X	X	X	X
	Bluetooth to Headsets	X	X	X	X	X	X	X
	Bluetooth to Smartphones	X	X	X	X	X	X	X
	Call lists	100 entries each	✓	✓	60 entries each	60 entries each	100 entries each	✓
	PoE capable	✓	✓	✓	✓	✓	✓	✓
	AC Adaptor Included	✓	X	X	X	X	✓	X
	Dimensions (H x W x D)	8.03 x 10.75 x 1.65 in 204 x 273 x 42 mm	6 x 10.5x 2.5 in (150 x 265x 65 mm)	6 x 10.5x 2.5 in (150 x 265x 65 mm)	8.35 x 0.42 x 1.73 in. (212 x 214 x 44 mm)	8.35 x 0.42 x 1.73 in. (212 x 214 x 44 mm)	7.87 x 7.28 x 3.54 in 200 x 185 x 90 mm	5.7 x 6.7 x 6.9 in (170 x 170 x 175 mm)
	Weight	2.32lb (1.05 kg)	2.8 lb (1.26 kg)	2.4 lb (1.1 kg)	2.43 lb (1.1 kg)	2.43 lb (1.1 kg)	1.7 lb (0.77 kg)	1.9 lb(0.861 kg)
	soft key programmable	✓	✓	✓	✓	✓	✓	✓
	Logo personalization	✓	✓	✓	✓	✓	✓	X
	Factory-installed certificate	Developing	✓	✓	✓	✓	Developing	✓
	Warranty	One year	One year	One year	One year	One year	Two years	One year
Physical Features	Chipset	TI Aries chipset TI Voice Engine	TI Chipset	TI Chipset	TI Chipset	TI Chipset	TI Aries chipset TI Voice Engine	TI Chipset
	Keys (in all)	48	40	40	32	32	32	30
	LED	19	7	7	8	8	5	3
	Navigation keys	6	6	6	4	4	6	5
	Headset	✓	✓	✓	✓	✓	✓	✓
	LAN (PC port)	10/100 Mbps Ethernet	10/100 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100 Mbps Ethernet	10/100 Mbps Ethernet
	WAN (Internet port)	10/100 Mbps Ethernet	10/100 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100 Mbps Ethernet	10/100 Mbps Ethernet
	Expansion module (Sidecar Compatible)	✓	X	X	✓	✓	X	x
	Expansion module Number	6x38 buttons	X	X	2x32 buttons	2x32 buttons	X	x
	Call hold	✓	✓	✓	✓	✓	✓	✓
	Music on hold	✓	✓	✓	✓	✓	✓	✓

Phone features	Call waiting	✓	✓	✓	✓	✓	✓	✓
	Caller ID name and number and outbound caller ID blocking	✓	✓	✓	✓	✓	✓	✓
	Call transfer - attended or blind	✓	✓	✓	✓	✓	✓	✓
	Call conferencing - hosted (N-party) or local (3-party)	✓	✓	✓	✓	✓	✓	✓
	Call forwarding - unconditional, no answer, on busy	✓	✓	✓	✓	✓	✓	✓
	Visual voice message waiting indicator (VVMWI)	✓	✓	✓	✓	✓	✓	✓
	Shared/Bridge line appearance (SLA/BLA/SCA)	✓	✓	✓	✓	✓	✓	✓
	Call pickup	✓	✓	✓	✓	✓	✓	✓
	Call park/Call park retrieve	✓	✓	✓	✓	✓	✓	✓
	Call completion(Call back on busy)	✓	×	×	✓	✓	✓	×
	Call blocking	✓	✓	✓	✓	✓	✓	✓
	Do not disturb(DND)	✓	✓	✓	✓	✓	✓	✓
	BLF	✓	✓	✓	✓	✓	✓	✓
	Intercom	✓	✓	✓	✓	✓	✓	✓
	Paging	✓	✓	✓	✓	✓	✓	✓
	Dial Plan	✓	✓	✓	✓	✓	✓	✓
	URL(IP) dialing support	✓	✓	✓	✓	✓	✓	✓
	Distinctive ringtone	✓	✓	✓	✓	✓	✓	✓
	Individual volume setting per audio path (headset/handset/sp eaker)	✓	✓	✓	✓	✓	✓	✓
	SMS	✓	✓	✓	only support receiving SMS	only support receiving SMS	✓	✓
	Voicemail/MWI	LCD Key with LED	LCD Key without LED	LCD Key without LED	LCD Key without LED	LCD Key without LED	LCD Key with LED	LED(No dedicated key)
	XML Phonebook	✓	✓	✓	✓	✓	✓	×
	LDAP	✓	license required	license required	✓	✓	✓	×
	XML Screen/Browser	✓	✓	✓	✓	✓	✓	×
	Import of individual ringtones	✓	✓	✓	✓	✓	✓	✓
	Phonebook	300 entries	✓	✓	100 entries	100 entries	300 entries	✓
	Multi-Language	✓	✓	✓	✓	✓	✓	✓
	Re-registration with primary SIP proxy server	✓	✓	✓	✓	✓	✓	✓
	IPv6	✓	×	×	×	×	✓	×
	Caller-ID on display Directory	✓	✓	✓	✓	✓	✓	✓
	ACD	✓	✓	✓	✓	✓	✓	×
Provisioning, administration, and maintenance	Auto-provision	DHCP TFTP/FTP/HTTP/HTTPS PoP	DHCP TFTP/FTP/HTTP/HTTPS	DHCP TFTP/FTP/HTTP/HTTPS	DHCP TFTP/HTTP/HTTPS	DHCP TFTP/HTTP/HTTPS	DHCP TFTP/FTP/HTTP/HTTPS PoP	DHCP TFTP/FTP/HTTP/HTTPS
	Web browser administration and configuration via integrated web server	✓	✓	✓	✓	✓	✓	✓
	TR069	Optional	×	×	✓	✓	Optional	×
	SNMP	✓	×	×	×	×	✓	×
	Telnet	✓	×	×	×	×	✓	×
	Hardware diagnostics Syslog and debug server records	✓	✓	✓	✓	✓	✓	✓
	Secure RTP	✓	✓	✓	✓	✓	✓	✓
	TLS	✓	✓	✓	✓	✓	✓	✓
	HTTPS	✓	✓	✓	✓	✓	✓	✓
	Encrypted configuration files(AES)	✓	✓	✓	✓	✓	✓	✓
	VPN	✓	×	×	×	×	✓	×
	Password login	✓	✓	✓	✓	✓	✓	✓
Networks features	LLDP-MED	✓	✓	✓	✓	✓	✓	✓
	VLAN	✓	✓	✓	✓	✓	✓	✓
	NAT	✓	✓	✓	✓	✓	✓	✓

	SNTP	✓	✓	✓	✓	✓	✓	✓
	DNS SRV	✓	✓	✓	✓	✓	✓	✓
Signaling protocol support	SIP version 2	✓	✓	✓	✓	✓	✓	✓
	DHCP	✓	✓	✓	✓	✓	✓	✓
	Internet Control Message Protocol (ICMP) (RFC 792)	✓	✓	✓	✓	✓	✓	✓
	TCP (RFC 793)	✓	✓	✓	✓	✓	✓	✓
	UDP (RFC 768)	✓	✓	✓	✓	✓	✓	✓
	Real Time Protocol (RTP)	✓	✓	✓	✓	✓	✓	✓
	VLAN 802.1pq	✓	✓	✓	✓	✓	✓	✓
	Diffserv	✓	✓	✓	✓	✓	✓	✓
	ToS	✓	✓	✓	✓	✓	✓	✓
Applications	SIP third-party call control	✓	✓	✓	✓	✓	✓	✓
	LDAP and XML phonebook	✓	✓ (Licence required for LDAP)	✓ (Licence required for LDAP)	✓	✓	✓	×
	XML services interface(XSI)	✓	✓	✓	✓	✓	✓	×
Environmental Specifications	Operating temperature	0° to 50 °C (32° to 122 °F)	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 113°F)	0° to 40°C (32° to 113°F)	0° to 50 °C (32° to 122 °F)	0°C to 40°C (32°F to 104°F)
	Relative humidity	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing
	Storage temperature	-40 to 160°F (-40 to 70°C)	-40 to 160°F (-40 to 70°C)	-40 to 160°F (-40 to 70°C)	-13° to 185°F (-20° to 70°C)	-13° to 185°F (-20° to 70°C)	-40 to 160°F (-40 to 70°C)	-40 to 160°F (-40° to 70°C)