Yealink — Key Features Comparison between Yealink and Cisco IP Phones

Specification		Yealink SIP-T28P	Cisco 7942G	Yealink SIP-T22P	Cisco 7911G	Yealink SIP-T20P	Cisco 3951
Model	Picture						
Key Features	Chipset	TI TITAN chipset TI Voice Engine	TI	TI TITAN chipset TI Voice Engine	TI	TI TITAN chipset TI Voice Engine	TI
	HD Voice	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	HD Codec HD Speaker HD Handset	X X X	HD Codec HD Speaker HD Handset	X Not sure Not sure
	OutLook	Beautiful	Beautiful	Beautiful	Beautiful	Beautiful	Beautiful
	UI	Friendly Easy to use	Friendly Easy to use	Friendly Easy to use	Friendly Easy to use	Friendly Easy to use	Friendly Easy to use
Physical Features	LCD	320x160 graphic LCD with 4-level grayscales	320x222 graphic LCD with 4-bit grayscales	132×64 graphic	192x64 graphic	3-line LCD (2x15 characters and an icon line)	2-line 144x32 pixels graphic LCD
	Keys (in all)	48	30	32	22	31	26
	DSS Keys	10 with dual-color LED	0	0	0	0	0
	Line keys	6	2	3	0	2	2
	Soft keys	4	4	4	4	0	0
	Navigation keys	4-way keys OK/Cancel	2-way keys X	4-way keys OK/Cancel	2-way keys X	4-way keys OK/Cancel	2-way keys OK/Cancel
	Ethernet Ports	2	2	2	2	2	1
	Headset	✓	✓	✓	✓	✓	X
	PoE	✓	✓	✓	✓	✓	✓
	Expansion Module	up to 6x38 keys with dual-color LED	X	X	X	X	X
Telephony Features	Communitation Protocols	SIP	SCCP,SIP	SIP	SCCP,SIP	SIP	SCCP,SIP
	Accounts	6	2	3	1	2	2
	BLA	✓	✓	pending	X	pending	X
	BLF	✓	✓	pending	X	pending	X
	Wideband Codecs	G.722	G.722	G.722	X	G.722	X
	Narrowband Codecs	G.711, G.723.1, G.726,G.729AB, (iLbc/GSM optional)	G.711, G.729A/B, iLBC	G.711, G.723.1, G.726,G.729AB, (iLbc/GSM optional)	G.711, G.729A/B	G.711, G.723.1, G.726,G.729AB, (iLbc/GSM optional)	G.711, G.729A
	Speakerphone	full-duplex	full-duplex	full-duplex	full-duplex	full-duplex	half-duplex
	Intercom	✓	✓	✓	✓	✓	✓
	Paging	✓	✓	✓	✓	✓	✓
	Call park	✓	✓	✓	✓	✓	✓
	Call pickup	✓	✓	✓	✓	✓	✓
	Channel	✓	✓	✓	✓	✓	✓
	SMS	✓	×	✓	×	×	×
	Voicemail	✓ LED	✓	✓ LED	✓ LED	✓ LED	✓
	3-way Conference	✓	✓	✓	✓	✓	✓
	XML Phonebook	✓	✓	✓	✓	✓	×
	LDAP	pending	✓	pending	✓	pending	×
	XML Screen/Browser	pending	✓	pending	✓	pending	×
	Ringtone downlondable	✓	✓	✓	✓	✓	✓
	Multi-Language	✓	✓	✓	✓	✓	✓
Deploy & Upgrade	TR069	Optional	×	Optional	×	Optional	×
	Auto-provision	DHCP TFTP/FTP/HTTP/HTTPS PnP	DHCP/TFTP	DHCP TFTP/FTP/HTTP/HTTPS PnP	DHCP/TFTP	DHCP TFTP/FTP/HTTP/HTTPS PnP	DHCP/TFTP
Security & QoS	Secure RTP	✓	✓	✓	✓	✓	×
	TLS	✓	✓	✓	✓	✓	×
	HTTPS	✓	✓	✓	✓	✓	×
	AES	✓	✓	✓	✓	✓	✓
	DSCP/802.1pq	✓	✓	✓	✓	✓	✓