

DS-KP8000-HE1 KH8 Series SIP Phone



DS-KP8000-HE1 is an color screen Phone with nearly all the necessary VoIP features, it also supports H.264 video decoding, providing the high-quality and convenient experience for users at an affordable price.

- HD audio on speakerphone and handset
- 3 DSS keys on the 2.8" colorful display screen
- Hardware video decoding (H.264, 1080P)
- Dual 10M/100M Ethernet ports, standard PoE power supply
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

**KP8000 is an enterprise-level screen IP Phone. It provides the high-quality and convenient experience for users at an affordable price.*

▪ Specification

System parameters	
Operation system	Linux
ROM	128 MB
RAM	94 MB
Processor	Embedded high performance processor
Display parameters	
Screen size	2.8-inch
Operation method	Physical keys
Type	Colorful screen
Resolution	320 × 240
Video parameters	
Resolution	QVGA / CIF / VGA / 4CIF / 720P / 1080P
Video compression standard	H.264
Audio parameters	
Audio input	HD voice microphone; HAC handset
Audio compression standard	G.711A/U, G.729AB, iLBC, G.722, Opus
Audio output	HD voice speaker (handset/hands-free, 0 to 7KHz frequency response)
Audio quality	Voice activity detection (VAD), comfort noise generation (CNG), background noise estimation (BNE), noise reduction (NR), voice quality monitoring
Volume adjustment	Adjustable
Capacity	
Communication lines	6 SIP lines
Contact capacity	Local phonebook: 1000 Remote phonebook: XML/LDAP, 1000
Call log capacity	600 in/out/missed calls
Network parameters	
Network protocol	SIP V1 (RFC2543), V2 (RFC3261) over UDP/TCP/TLS, RTP, RTCP, SRTP, STUN, DHCP, IPv6, PPPoE, L2TP, OpenVPN, SNTP, FTP/TFTP, HTTP/HTTPS, TR-069
Wi-Fi	/
Device interfaces	
Network interface	2 RJ-45 10/100 Mbps self-adaptive
Power supply input	1, 5 VDC
Communication interface	2 RJ-9, handset × 1
General	
Button	37 Keys: 3 line keys (BLF keys) with LED indicator light; 2 Keys for with LED indicator light, including: MWI/handset 8 keys, including: Hold/Transfer/Conference/Contact/CallLog/Status/Redial/Mute 4 soft keys 4 navigation keys 1 OK key 12 standard phone digits keys 2 volume control keys (Up/Down) 1 hands-free key
Installation	Desktop stand (angle 1: 45°), wall mounting
Indicator	Red: call and message waiting
Working temperature	0 °C to 45 °C (32 °F to 113 °F)

Working humidity	10% to 95% (no-condensing)
Dimension (W × H × D)	Desktop stand (angles 1: 45°): 169 mm x 186.3 mm x 174.5 mm; Desktop stand (angles 2: 50°): 169 mm x 177.6 mm x 183.7 mm; Wall-mounted: 169 mm x 115.6 mm x 212.5 mm
Power supply	5 VDC, IEEE802.3af, standard PoE
Application environment	Indoor
Power consumption	PoE: 1.78 W to 5.92 W Adapter: 1.28 W to 4.31 W
Language	English, Simplified Chinese, Traditional Chinese, Russian, Italian, French, German, Hebrew, Spanish, Catalan, Basque, Galician, Turkish, Hungarian, Slovenian, Czech, Korean, Dutch, Ukrainian, Portuguese, Polish

▪ Available Model

DS-KP8000-HE1

▪ Accessory

▪ Optional



**Wall-mounted bracket of SIP Phone*

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