



Hikvision DS-KP8200-HE1

· Specification summary

Device class	SIP Phone
Display	4.3-inch colour screen
Display resolution	480 × 272 pixels
Operation	Physical keys
Video decoding	H.264 hardware video decoding, including 1080p; not a 1080p display or built-in camera claim
Video formats	QVGA, CIF, VGA, 4CIF, 720p and 1080p listed for video decoding, not screen resolution
SIP lines	20 SIP lines; this is not a confirmed simultaneous-call or PBX capacity
Local phonebook	2,000 entries
Remote phonebook	2,000 entries, XML/LDAP; remote directory and server configuration required
Call log	1,000 incoming/outgoing/missed-call entries listed
Ethernet	Two RJ-45 10/100/1000 Mbps self-adaptive ports
SIP protocol	SIP V1 (RFC 2543) and V2 (RFC 3261) over UDP/TCP/TLS; service configuration must be checked
Media/security protocols	RTP, RTCP and SRTP listed; TLS/SRTP use requires supported peer and configuration
Audio codecs	G.711a/u, G.723.1, G.726, G.729A/B, iLBC, G.722 and Opus; the negotiated codec depends on the service and peer
Audio input	HD voice microphone and HAC handset listed
Audio output	HD handset/hands-free speaker, 0-7 kHz frequency-response reference
Audio processing	VAD, CNG, BNE, NR and voice-quality monitoring listed; actual audio quality depends on system conditions
Volume control	Adjustable
Physical keys	43 physical keys
DSS keys	Ten DSS keys with LED indicators
RJ-9 interfaces	Two RJ-9 interfaces listed; one handset connection is named. The other connection's role and pinout need separate confirmation.
USB interface	One USB interface, reserved; no storage, headset or wireless-dongle function is established here
Indicator	Red call and message-waiting indication
DC input	5 V DC input; input current is not established by this cited source
PoE input	IEEE 802.3af standard PoE; use a compatible power source
Power consumption	≤7 W (manufacturer power-consumption reference); verify the deployment power budget separately

Dimensions, desktop 45°	225 × 217 × 182.4 mm; W × H × D Confirm mounting clearance and accessories separately.
Dimensions, desktop 50°	225 × 206 × 194.3 mm; W × H × D Confirm mounting clearance and accessories separately.
Dimensions, wall-mounted	225 × 110.5 × 237.9 mm; W × H × D Confirm mounting clearance and accessories separately.
Mounting methods	Desktop stand or optional wall mounting; wall-mount parts are not assumed included
Wall-mount bracket	Optional DS-KABP8200 wall-mount bracket; not assumed included
Operating temperature	0-45 °C manufacturer reference; confirm the actual indoor operating conditions
Operating humidity	10-95% non-condensing
Application environment	Indoor
Operating system	Linux
ROM	128 MB
RAM	94 MB, as printed in this exact-model datasheet
Language examples	English, Simplified Chinese and Traditional Chinese are among the listed languages; exact supplied firmware must be checked

Specifications are summarised from the manufacturer's published information (checked 2026-10-15). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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