

## DS-KP6000-HE1

### 2.3-inch Dot-matrix Screen SIP Phone



- 2.3-inch 128x48 pixel dot-matrix display
- 4 SIP Lines; 33 physical keys
- Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- Dual 10/100 Mbps network ports, integrated PoE
- Two installation methods of desktop stand and wall mountable

## ▪ Specification

| System parameters          |                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system           | Embedded Linux operation system                                                                                                                                                                    |
| ROM                        | 16 MB                                                                                                                                                                                              |
| RAM                        | 64 MB                                                                                                                                                                                              |
| Display parameters         |                                                                                                                                                                                                    |
| Screen size                | 2.3-inch                                                                                                                                                                                           |
| Operation method           | Physical keys                                                                                                                                                                                      |
| Type                       | Dot-matrix display screen                                                                                                                                                                          |
| Resolution                 | 128x48                                                                                                                                                                                             |
| Audio parameters           |                                                                                                                                                                                                    |
| Audio compression standard | Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC<br>Wideband Codec: G.722, Opus                                                                                                          |
| Audio input                | HD voice microphone;<br>HAC handset                                                                                                                                                                |
| Audio output               | HD voice speaker (handset/hands-free, 0 ~ 7KHz frequency response)                                                                                                                                 |
| Audio quality              | Full-duplex Acoustic Echo Celler (AEC) / Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC) |
| Volume adjustment          | Adjustable                                                                                                                                                                                         |
| Capacity                   |                                                                                                                                                                                                    |
| Communication Lines        | 4 SIP Lines                                                                                                                                                                                        |
| Contact capacity           | Local phonebook (1000 entries)<br>Remote phonebook (XML/LDAP, 1000 entries)                                                                                                                        |
| Call log capacity          | In/Out/Missed, 600 entries                                                                                                                                                                         |
| Network parameters         |                                                                                                                                                                                                    |
| Communication protocol     | SIP2.0 over UDP/TCP/TLS<br>RTP/RTCP/SRTP<br>STUN<br>DHCP<br>IPv6<br>LLDP<br>PPPoE<br>L2TP<br>OpenVPN<br>SNTP<br>FTP/TFTP<br>HTTP/HTTPS<br>TR-069<br>AES128 & AES256                                |
| Wired network              | 10/100 Mbps self-adaptive, dual bridged port for PC bypass                                                                                                                                         |
| Wi-Fi standard             | /                                                                                                                                                                                                  |
| Device interfaces          |                                                                                                                                                                                                    |
| Network interface          | 2 RJ-45 10/100 Mbps self-adaptive: Network x1, PC x1 (Bridged to Network)                                                                                                                          |
| Power supply input         | DC power input                                                                                                                                                                                     |

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication interface | 2 RJ-9 : handset x1, headset x1                                                                                                                                                                                                                             |
| <b>General</b>          |                                                                                                                                                                                                                                                             |
| Button                  | 33 physical 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)) |
| Installation            | Desktop stand<br>Wall mounting (optional)                                                                                                                                                                                                                   |
| Indicator               | Red: calling and message waiting                                                                                                                                                                                                                            |
| Working temperature     | 0 °C to 45 °C (32 °F to 113 °F)                                                                                                                                                                                                                             |
| Working humidity        | 10% to 95% (no-condensing)                                                                                                                                                                                                                                  |
| Dimensions              | Desktop Stand (45°): 169x203.6x172.7 mm ; Desktop Stand (50°): 169x194x181 mm ;<br>Wall mountable: 169x113.4x207.6 mm                                                                                                                                       |
| Power supply            | IEEE802.3af, Standard PoE, 5 VDC, 0.6 A                                                                                                                                                                                                                     |
| Application environment | Indoor                                                                                                                                                                                                                                                      |
| Power consumption       | Power Consumption(Adapter): 0.8~1.29W Power Consumption(PoE): 1.25~1.86W                                                                                                                                                                                    |
| Language                | English, Simplified Chinese, Traditional Chinese, Russian, Italian, French, German.<br>Hebrew, Spanish, Catalan, Basque, Galician, Turkish, Hungarian, Slovenian, Czech,<br>Korean, Dutch, Ukrainian, Portuguese, Polish                                    |

## ▪ Available Model

DS-KP6000-HE1

## ▪ Accessory

### ▪ Optional

**DS-KABP6000**



*\*Wall-mounted bracket of SIP Phone*

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