

Huawei IP Phone eSpace 7810

Huawei IP Phone eSpace 7810(eSpace 7810 in short) is a next generation 2-line IP phone using Session Initiation Protocol (SIP). It has a variety of functions and is easy to use. Its features are as follows:

- User-friendly interactive liquid crystal display (LCD) interface
- TI TITAN chipset using the TI voice engine technology, which provides high-fidelity voice quality with the help of a high-quality handle, speaker, and headset
- Different types of function keys for a better user experience, such as soft keys, navigation keys and volume key.
- Automatic deployment technology, simplifying the deployment process for system administrators
- Signaling and media encryption, and Web management pages based on Hypertext Transfer Protocol Secure (HTTPS).



Figure 1-1 Appearance of IP phone eSpace 7810



Technical Specifications

Category	Item	Parameter
Standard	Communications protocol	SIP v2
	Audio format standard	G.711A, G.711 μ , G.722, G.726, G.729AB, G.723.1, iLBC
	Network protocol	TCP/IP/UDP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS (A record and SRV), DHCP (client), PPPoE, NTP, TFTP
Audio	Automatic Echo Cancellation (AEC)	
	Automatic Gain Control (AGC)	
	Packet Loss Compensation (PLC)	
	Adjustment Jitter Buffer (AJB)	
	Voice Activity Detection (VAD)	
	Comfortable Noise Generation (CNG)	
LCD	Resolution: 2*15 characters	
	Language: English, French, German, Italian, Polish, Portuguese, Spanish, Turkish	
External interface	Ethernet ports	2 x RJ-45 ports, 10/100 Base-T
	Headset ports	RJ9
Function key	<ul style="list-style-type: none"> • Menu key, call holding key, conferencing key, directory key, Voice mailbox key, headset mode key, call transfer key, hands-free key, redial key • 2 LINE keys • 4 soft keys • 6 navigation keys • a volume key 	
Call feature	Call holding, call transfer, call waiting, DND, call forwarding, call muting, redial, call record, volume adjustment, anonymous call, instant dialing, and automatic response	
UC features	Extension mobility, enterprise directory, caller name and department presentation, Linkage with eSpace PC client	
Security feature	<ul style="list-style-type: none"> • Signaling encryption: TLS • Voice encryption: SRTP, 128-bit AES • Web access encryption: HTTPS • Switch port: 802.1x • Authentication algorithm: MD5 	
Function	Directory	Local directory: 300 contacts
	Call history	Records the numbers for history calls, consisting of up to 100 received call numbers, missed call numbers, and dialed call numbers
	Ring tone setting	Allows users to customize ring tones and set a ring tone for a specified number or user group
	Message waiting indicator (MWI)	Provides MWI that blinks for new voice messages
Electrical feature	Power supply adapter	Input: 100–240 V AC 50/60 Hz Output: 5 V DC, 1.2 A
	POE	Power over Ethernet
	Power consumption	2.6 W
Environment requirements	Working temperature	0° C–40° C
	Working humidity	10%–90% (non-condensing)
	Storage temperature	-10 ~ 70° C
	Storage humidity	10%–90% (non-condensing)
Authentication	FCC/CE/RoHS	
Physical features	Dimensions (H x W x D)	90 mm x 185 mm x 200 mm
	Weight	0.77 kg
	Installation mode	Placed on a desk, Wall mounting

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