



# Huawei IP Phone 8950 Datasheet



Huawei IP Phone 8950 is a smart, sleek IP Phone that integrates voice, video, and Unified Communications (UC) applications. It delivers more engaging communication and collaboration, with unmatched security, High Definition (HD) audio and video, simplicity, and smooth operation.

## Highlights

### High-fidelity, crystal-clear audio performance

- IP Phone 8950 is designed with two high-fidelity audio speakerphones that accurately reproduce sound.
- It also employs a full-band voice codec with a sampling frequency as high as 48 kHz, which provides crystal-clear, HD audio performance for a truly immersive experience.



### High-resolution, secure video camera

- IP Phone 8950 comes with a 2.0 megapixel HD camera whose angle is adjustable to capture exquisite and vivid images with more details. The camera provides a shutter for privacy protection.
- IP Phone 8950 also can work with a telepresence system, delivering an HD conferencing experience. In addition, IP Phone 8950 supports Secure Real-time Transport Protocol (SRTP) and Transport Layer Security (TLS) protocols for encrypted transmission, ensuring secure data communications.



### HD, multi-touch screen

- IP Phone 8950 is equipped with a highly sensitive, 8-inch, In-Plane Switching (IPS) touch screen that supports multiple touches.
- The IP phone screen features a clear, 1,280 x 800-pixel high-resolution display, and a super-wide, 178° viewing angle.



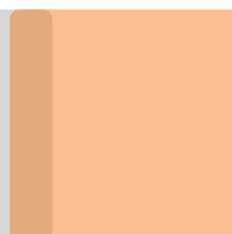
### Efficient, enjoyable User Interface (UI)

- IP Phone 8950 provides intuitive touch screen navigation for efficient operations. Users can create and join conferences by pressing just a few buttons for easy-to-use conference control operations. The stylish flat UI design, meanwhile, delivers an enjoyable user experience.



# Features

Category	Parameter	Specification
Protocols	Network protocols	TCP/IP, SIP, SDP, UDP, RTP, RTCP, DHCP, DNS, HTTP, HTTPS, SNTP, XCAP
Audio	Audio codecs	G.711a/G.711μ/G.729ab/G.722/iLBC/Opus, compatible with G.729/G.729a/G.729b
	Audio features	<ul style="list-style-type: none"> <li>DTMF: Inband/RFC2833</li> <li>Acoustic Echo Cancellation (AEC)</li> <li>Automatic Gain Control (AGC)</li> <li>Adaptive Jitter Buffer (AJB)</li> <li>Automatic Noise Reduction (ANR)</li> <li>Comfort Noise Generation (CNG)</li> <li>Hearing Aid Compatibility (HAC)</li> <li>Packet Loss Concealment (PLC)</li> <li>Voice Activity Detection (VAD)</li> <li>Sidetone cancellation</li> <li>Voice Quality Monitor (VQM)</li> <li>Buzz cancellation</li> </ul>
Video	Camera	1080p, external camera, angle adjustable (+15 degrees to -25 degrees relative to the screen)
	Video codec	H.264 MP/BP
	Video resolutions	<ul style="list-style-type: none"> <li>QVGA (320 x 240 pixels)</li> <li>CIF (352 x 288 pixels)</li> <li>VGA (640 x 480 pixels)</li> <li>4CIF (704 x 576 pixels)</li> <li>720p (1280 x 720 pixels)</li> <li>1080p (1920 x 1080 pixels)</li> </ul>
	Video display	<ul style="list-style-type: none"> <li>Picture-in-Picture (PiP)</li> <li>Full screen video</li> <li>Self view (local video preview)</li> <li>Continuous presence</li> <li>Participant's video</li> </ul>
Phone basics	Contacts	1,000 contact records; supports contact search, import, and export
	Corporate directory	Tree-structured directory in alignment with the enterprise organizational structure, facilitating contact view and search
	Languages	<ul style="list-style-type: none"> <li>Language display: Arabic, Chinese (simplified and traditional), English, French, German, Hungarian, Polish, Portuguese, Russian, Spanish, and Turkish</li> <li>Language input: Arabic, Chinese (simplified and traditional), English, French, Portuguese, and Spanish</li> <li>Input methods can be installed on the IP phone</li> </ul>
	Ringtone	<ul style="list-style-type: none"> <li>Built-in 24 system ringtones</li> <li>System ringtone selection</li> <li>Custom ringtone import</li> </ul>
	Wallpaper	<ul style="list-style-type: none"> <li>Built-in 20 system wallpapers</li> <li>System wallpaper selection</li> <li>Custom wallpaper import</li> </ul>
	Local conference	<ul style="list-style-type: none"> <li>Up to 6-party audio conference</li> <li>Operations including adding, muting, and removing participants</li> </ul>
	Video conference	A multi-party video conference experience when working with UC clients and telepresence endpoints. Support multiple conference control functions such as SiteCall, viewing the selected site, muting/unmuting microphone, etc.
	Basic voice services	Call Waiting, Call Hold, Call Transfer, Call Forward, Call Deflection, DND, Advanced Secretary Service, Call Park, Pickup, Group Pickup, Busy Lamp Field (BLF), Distinctive Ring, Automatic Call Back, Voicemail, Abbreviated Dial, BLF, Paging Broadcast, Hunt Group, Password-based Call Barring, Emergency Call, and Calling Line Identification Presentation (CLIP), Redial
Android operating system features	Android bundled applications: calculator, calendar, clock, email, gallery, and search engine	



## Specifications

Parameter	Specification
Display	8-inch, 1,280 x 800 resolution, IPS multi-touch
LEDs	Speaker, Mute, Lock, MWI, and Camera LEDs
Physical camera switch	Shutter used
Supported angles	55 degrees to 80 degrees
Network ports	Two GE ports, 10/100/1000 Mbit/s adaptive, configurable VLAN
Wi-Fi	IEEE 802.11 a/b/g/n
USB 2.0 ports	Two USB 2.0 ports that can connect to USB flash drive, headset, keyboard, and mouse
USB camera port	One USB camera port for connecting to the USB camera delivered with IP Phone 8950
Bluetooth	Bluetooth headset
Micro SD card slot	One Micro SD card slot
HDMI port	One HDMI port, in compliance with HDMI 1.4
Handset port	RJ-9
Headset port	3.5 mm
Operating system	Android 4.2.2
PoE	802.3af
QoS	802.1p/q, ToS/DSCP
Security	TLS, SRTP (AES 128), HTTPS, X.509, 802.1x (MD5), 802.1x (EAP-TLS)
Power adapter	Input: 100 V AC to 240 V AC ,50-60Hz Output: 12 V DC, 2 A (China, Europe, U.K., U.S.A., Australia, Brazil, and Saudi Arabia standards supported)
Dimensions (W*D*H)	260 mm × 72mm × 236 mm

## Ordering Information

IP Phone 8950, corded handset

IP Phone 8950 adapter, 12 V/2 A

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