

A Becke BF308i SIP phone is shown in a control room setting. The phone has a large touchscreen displaying an Android interface with the time 16:20 and various app icons. It features a gooseneck microphone and a handset. The background shows a control room with multiple computer monitors displaying maps and data.

# SIP Phone BF308i

The Becke BF308i is a visual paging station that integrates audio and video applications. Based on Android 9.0 system, it can support the installation and use of third-party Android applications. It adopts intelligent voice algorithm and gooseneck microphone, supports full-duplex voice calls, and the maximum volume can reach 90dB. The A308i has a built-in 5-megapixel adjustable angle camera, providing users with a two-way high-definition audio and video calling experience. At the same time, it is equipped with a dual-purpose bracket, which supports desktop and wall-mounted installation, adapts to the installation needs of different scenarios, and provides enterprise users with unified communication, scalable value-added services, and rich and flexible communication solutions.

## Highlights

- ☑ 20 SIP lines, supporting ten-party voice conference and three-party video conference;
- ☑ Equipped with gooseneck microphone to provide clear long-distance pickup effect;
- ☑ Support full-duplex calls, speaker volume can reach 90dB;
- ☑ Built-in azimuth broadcast system to realize rich and flexible broadcast applications and management;
- ☑ Built-in 5 megapixel adjustable angle camera.;
- ☑ Support H.264 video codec, broadband audio codec, provide high-definition audio and video call experience;
- ☑ 7 "color touch screen with support for 116 DSS keys
- ☑ Equipped with two-purpose brackets, supporting desktop mounting and wall mounting
- ☑ Support 2.4 G/5G dual-band Wi-Fi
- ☑ Gigabit Ethernet-adaptive 10/100/1000Mbps network dual ports, supporting PoE power supply

# Detailed parameters

<b>Call function</b>	Local phone book (2000 entries)	<b>Basic Functions</b>	20 SIP lines
	Internet phone book (support XML/LDAP, 2000 items)		Gooseneck wheat long-distance pickup
	Contact/Call Intelligent Search		Full duplex call
	Call history (missed calls/incoming calls/outgoing calls,		HD audio and video calls
	Screensaver standby		Ten-party voice conference, three-party video conference
	Voice message (MWI)		Handle/Handsfree/Headphone Mode
	User-defined DSS keys		7-inch color touch screen 1024x600
	Network time synchronization		116 smart DSS keys (programmable virtual keys)
	Supports 2.4 G/5G dual-band Wi-Fi		Dual purpose bracket for desktop & wall mounting
	Audio/video recording function		Dual Gigabit network ports, PoE power supply
Action URL/Active URI	2.4 G/5G dual-band Wi-Fi		
<b>Phone function</b>	uaCSTA	<b>Android system features</b>	Support third-party application installation/operation
	Dialing rules		Secondary Development API
	SIP Hotspot		Android OS 9.0, a more secure and more compatible
	Distinguished ringing		Built-in applications: explorer, calendar, camera, gallery, web browser, mail, calculator, notepad, audio recorder, clock, video player, music
	Custom Ringtone		
<b>Call functions</b>	Dial Out/Answer/Deny	<b>Relevant Agreements</b>	SIP2.0 over UDP/TCP/TLS
	Mute/unmute (microphone)		DNS A/SRV/NAPTR
	Call hold/resume		RTP/RTCP/SRTP
	Call waiting		STUN
	Intercom function		DHCP
	Caller ID		LLDP
	Speed Dial		CDP
	Anonymous call		802.1 x
	Call forwarding (unconditional/busy/no answer)		OpenVPN (requires third-party App support)
	Call Forwarding (Present/Non-Present)		SNTP
	Dial Out/Answer/Deny	FTP/TFTP	
	Mute/unmute (microphone)	HTTP/HTTPS	
	BLF/grab	TR-069	
	Call residence/retrieval (needs to cooperate with the server)	10/100/1000Mbps Ethernet (Bridge Mode)	
	Redial	IP Mode: IPv4	
	Do not disturb	IP acquisition method: static IP setting/DHCP	
	Automatic response	Supports 802.1 x network access authentication	
	Ten party voice conference, three-party video conference		

# Detailed parameters

	BLF/grab	<b>Network Characteristics</b>	Virtual Private Network (VPN): OpenVPN (requires third-party App support)
	Call residence/retrieval (needs to cooperate with the server)		Virtual local area network (VLAN)
	Redial		Link layer discovery protocol (LLDP)
	Do not disturb		Cisco Discovery Protocol (CDP)
	Automatic response		Quality of Service Assurance (QoS)
<b>Video features</b>	Video decoding: H.264	<b>Entity specifications</b>	Primary backup SIP server
	Video call resolution : 1080P/720P/QVGA/CIF/VGA/4CIF		Color: Gun Grey
	Image format: JPEG/PNG/BMP		Screen: 7 "color screen (1024x600)
	Video format: MP4		Touch screen: capacitive touch screen
	Broadband range: 64kbps ~ 4Mbps		2 sound control keys, up/down/1 hands-free key
	Video frame rate: 5 ~ 30fps		Keyboard: 5 keys, including 1 Home button 1 return key
	Full screen display mode of remote video		StandardRJ9handlecurvex1
	Video Call		1.5MCAT5 Network Cable x1
	Video preview		Phonebret x1
	Built-in camera: 5 million pixels Adjustable angle		HDhandle (RJ9) x1
<b>Audio Characteristics</b>	HD handle/hands-free (handle/hands-free, 0 ~ 7KHz frequency response)	<b>Entity specifications</b>	RJ9 interface x2: handle x1, headset x1
	Broadband ADC/DAC 16KHz sampling		Safety keyhole x1
	Narrowband coding : G.711a/u, G.729AB, iLBC		power supply : 12V/1A or PoE class3
	Broadband coding : G.722, Opus		Power consumption (PoE): 3.52-10.76 W
	Full-duplex hands-free calling with acoustic echo cancellation (AEC)		Power consumption (power adapter): 2.38 ~ 8.6 W
	Noise Reduction (NR)		Operating temperature: 0 ~ 45 °C
	Packet loss compensation Packet Loss Concealment		Relative humidity: 10 ~ 95%
	Dynamic adaptive jitter cache		Installation: Supports desktop and wall-mounted installation
	DTMF: In-band, out-of-band-DTMF forwarding (RFC2833)/SIP INFO		
<b>Configuration &amp; management</b>	Via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PnP/TR-069 from Auto-Provisioning	<b>Entity specifications</b>	Product Dimensions <ul style="list-style-type: none"> <li>➤ Desktop (45 °): 265x172. 1x (H) 145.2 mm</li> <li>➤ Desktop (50 °): 265x161. 7x (H) 154.5 mm</li> <li>➤ Wall-mounted: 265x78. 6x (H) 184mm</li> </ul>
	Web page management interface		Package size: 337 * 218 * 81mm
	Support Web		Outer carton size: 456 * 430 * 357mm (10 sets)
	Support web page upgrade		
	Support factory reset		