



IP Phone

BFX7A

As a high-end enterprise IP phone with Android 9.0, BFX7A provides a more intelligent and smoother touch operation experience for the users. 116 DSS keys on the 7-inch color touch screen, supported 3rd party apps, built-in 2.4GHz/5GHz dual-band WiFi, built-in Bluetooth 4.2 allows daily communication smarter and simpler. Matching an adjustable USB camera, BF X7A can deliver a superb audio and video for the group conference.

Highlights

- ☑ 7-inch (1024x600) color touchscreen with intuitive controls at your fingertips.
- ☑ Supports H.264 video codec. Can be paired with cameras/ video intercoms to receive video calls, allowing you to view the intercom video on the phone screen and remotely unlock the door.
- ☑ Support 10-way audio conferencing and 3-way video conferencing.
- ☑ Powered by Android 9.0 operating system, it offers a comprehensive SDK (Software Development Kit) to meet the customization needs of industry applications and facilitate secondary development.
- ☑ Built-in 2.4GHz/5GHz Wi-Fi and Bluetooth 4.2 , realizing more flexible connectivity.
- ☑ Up to 116 DSS keys, every DSS key can be set as Line/BLF/ Speed Dial Key.

Detailed parameters

Generic	20 SIP Lines	Network	Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
	Dual Gigabit ports, PoE enabled		IP Mode: IPv4/IPv6/IPv4&IPv6
	7-inch (1024x600) color screen		IP Configuration: Static IP / DHCP
	Handset / hands-free / headset mode		Network Access Control: 802.1x
	Intelligent DSS keys(Virtual buttons)		VPN: OpenVPN(Requires third-party app support)/ L2TP/PPTP/IPSec
	Desktop stand		VLAN
	Optional external power supply		LLDP
Phone Functions	Local Phonebook (2000 entries)	Protocols	QoS
	Remote Phonebook (XML/LDAP)		RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
	Call logs (In/Out/Missed/Forward,1000 entries)		DNS-SRV (RFC 3263)
	Blocked List/Allowed List		Support Redundant Servers
	Screen saver		Agent
	Voice Message Waiting Indication (MWI)		Https Mutual Authentication
	Programmable DSS/Soft keys		Wi-Fi Security Mode: WPA/WPA2-PSK/802.1X EAP
	Network Time Synchronization		SIP v1 (RFC2543) v2(RFC3261)
	Built-in Bluetooth BLE 4.2: Support		UDP/TCP/TLS/TLS 1.3
	Built-in dual band Wi-Fi 2.4GHz, 802.11 b/g/n 5GHz, 802.11 a/n/ac		RTP/RTCP/SRTP (Optional/Compulsory)
	Support Poly wireless headset (Through Poly APD-80 EHS Cable)	STUN	
	Support Jabra wireless headset	DHCP/SNTP	
	Support Recording	IPv6	
	Action URL / Active URI	LLDP	
	XML Browser	PPPoE	
	Multi language operation interface	802.1x/802.1p/Q/IEEE 802.3az	
	Customize Background	OpenVPN	
	uaCSTA	FTP/TFTP/HTTP/HTTPS	
	Customize Incoming Call Ringtone	TR-069	
	time Plan (timed reboot/timed forward/timed upgrade/timed config)	AES128 & AES256	
Hidden DTMF	Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069		
Ring From Headset	Screenshot		
Customize BLF	Web Management Portal		
Customize UI Display	Web-based Packet Dump		
Deployment & Management	Call out / Answer / Reject	Deployment & Management	Support for Cloud Management System (FDMS)
	Mute / Unmute (Microphone)		Configuration Export / Import
	Call Hold / Resume		Phonebook Import/Export
	Call Waiting		Firmware Upgrade
	Intercom		Syslog
	Caller ID Display		Network Firewall
	Speed Dial		Online Upgrade
	Caller ID with name, number and photo		Android 9.0 with higher security and better compatibility
	Anonymous Call (Hide Caller ID)/Ban Anonymous call		Built-in Applications:
	Call Forward (Always/Busy/No Answer)		

Call Functions	Call Transfer (Attended/Unattended)	Physical Specifications	Files, Calendar, Gallery, Browser, Email, Calculator, Notepad,
	Call Parking/Pick-up (Depending on server)		Sound Recorder, Clock, Video, Music
	Redial		Support 3rd Party Applications
	Predial		Secondary Development of API
	Call Back		LCD: 7-inch (1024x600) color touchscreen, IPS
	Do-Not-Disturb(DND)/Timed DND		Indicator light
	Auto-Answering		Keypad: 26 keys, including >5 Function keys (Hold, MWI, Mute, Headset, Redial) >4 Navigation keys >1 OK key >12 Standard Phone Digits keys >2 Volume Control keys (Up/Down) >1 Hands-free key
	SIP SMS		Handset (RJ9) x1
	Voice Message		Standard RJ9 Handset Wire x1
	SIP Hotspot		1.5M CAT.5E Ethernet Cable x1
	10-way Audio Conference		RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
	3-way Video Conference		USB2.0 Port x1: Standard A, Connect with Flash Driver
	Hot Line		Safety keyhole x1
	Hot Desking		Qty/CTN: 10pcs
	Emergency call		Color: Black
	Direct IP call without SIP proxy		Installation: Desktop Stand
	Fuzzy Search Call		Power: DC5V /2A or PoE >POE complies with the IEEE802.3af standard >Power adapter: Input: 100-240VAC~50/60Hz Output: 5V2A
	Action Plan		Power Consumption (Adapter): 0.907~9.38W
	Dial Plan		Power Consumption (PoE): 1.596~11.86W
	Call Completion/Auto Redial		802.3az Energy-saving mode
Primary and Backup SIP Servers	Working Temperature: 0~45°C		
Default Ext Line	Working Humidity: 10~95%		
Group listening	Installation: >Desktop Stand >Wall mountable (optional)		
Multicast	Color: Black/Qty/CTN: 10pcs		
Audio	HD Voice: HD handset, HD speaker	N.W/CTN: 16.6kg	
	HAC Handset	G.W/CTN: 17.72kg	
	Wideband ADC/DAC 16KHz Sampling	Device Dimensions: > Desktop Stand (45°): 268x185x189mm > Desktop Stand (40°): 268x201x168mm	
	Narrowband Codec: G.711a/u, G.729, G.729A, G.729B, G.729AB, iLBC	Gift Box Dimensions: 304x297x66mm	
	Wideband Codec: G.722, Opus	Outer CTN Dimensions: 616x358x329mm (10 PCS)	
	Full-duplex Acoustic Echo Canceller (AEC)		
	Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)		
	Packet Loss Concealment (PLC)		
	Dynamic Adaptive Jitter Buffer (AJB)		
	DTMF: In-band, Out-of-Band (RFC2833/SIP INFO)		
VQM voice quality monitoring			