IPH-A807

Ranger IP Video Phone 7" LCD

- **HD Voice & Audio**
- **Android 11 OS**
- **7" Color Display**
- **Wi-Fi(2.4G & 5G)**

*All image and specification is subject to change without prior notice.

IPH-A807
Phone Features
16 SIP accounts
Ten-way audio/video mixed conferencing (up to 2 video call)
Call hold, mute, DND
One-touch speed dial, hotline
Call forward, call waiting, call transfer
Redial, call return, auto answer, direct IP call Group listening, SMS, emergency call
Ring tone selection/provisioning
Set date time automatically or manually
Dial plan for each account
RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035) Action URL/URI
Door phone integration
Wireless Access Point (AP mode)
Onscreen keyboard
USB ports (2.0 compliant) for media, storage applications
Notification Center and Control Center
Third party Android application support

Audio Features

HD voice	:	HD handset, HD speaker
Hearing aid compatible (HAC) handset		
Acoustic Shield		
Noise Proof		
Smart Noise Filtering		
Audio codec	:	Opus, G.722, PCMA, PCMU, G.729A/B, G.726-32,G.723.1, iLBC
DTMF	:	In-band, Out-of-band (RFC 2833) and SIP INFO
Full-duplex hands-free speakerphone with AEC		
VAD, CNG, AEC, PLC, AJB, AGC		

Video Features

Support 1080p HD Video		
Video codec	:	H.265, H.264 High Profile, H.264, H.263, VP8
Built-in 2 mega-pixel camera		

Directory

Local phonebook up to 10000 entries		
Black list		
XML/LDAP remote phonebook		
Smart dialing		
Phonebook search/import/export		
Call history	:	Dialed/received/missed/forwarded

Feature Keys

36 one-touch DSS keys		
4 feature keys	:	Volume Up, Volume down, Home, Back

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1 x USB Type-A port (2.0 compliant)
- 1 x USB Type-C port (2.0 compliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x RJ11 port (optional)
- 1 x HDMI port
- 1 x Micro SD card slot
- 1 x Security lock port

IP-PBX Features

- Busy Lamp Field (BLF), bridged Line Appearance (BLA) Anonymous call, anonymous call rejection
- Hot-desking, voice mail
- Call park, call pickup
- Intercom, paging
- Music on hold
- Flexible seating
- Call recording

Wi-Fi/Bluetooth

Built-in dual band Wi-Fi :	Network Standard	:	IEEE802.11a/b/g/n/ac
	Transmission Rate	:	Up to 433 Mbps (dynamic)
	Frequency Range	:	2.4GHz/5GHz
Built-in Bluetooth 5.0 :	Bluetooth headset		
	Mobile contacts synchronization		
	Bluetooth call		

Physical Features

Built-in stand with multiple adjustable angles		
Wall mountable		
External universal AC adapter	:	AC 100~240V input and DC 12V/2A output
Power consumption (PSU):		12~24W
Power consumption (PoE):		13W
Operating humidity	:	10~90%
Operating temperature :		0~40°C
Storage temperature	:	-10~60°C
Weight	:	1.8kg
Packing box (L*W*H)	:	37.5*26*13.5 cm

Management

Configuration	:	Browser/LCD-Menu/auto-provision
Auto provision via HTTP/HTTPS/FTP/TFTP		
Auto-provision with PnP, Zero-sp-touch, TR-069		
Reset to factory, reboot		
Local tracing log export, system log		
Phone lock for personal privacy protection		
Only the administrator can install/uninstall apps via auto provision		
Setup Assistant wizard		

Interface

SIP v1 (RFC2543), v2 (RFC3261)		
Call server redundancy supported		
SIP server/proxy redundancy		
NAT Traversal	:	STUN mode
IP assignment	:	Static/DHCP
HTTP/HTTPS web server		
Time and date synchronization using SNTP		
DNS-NAPTR/DNS-SRV (RFC 3263)		
QoS	:	802.1p/Q tagging (VLAN), Layer 3 ToS DSCP Transport Layer Security (TLS1.3), SRTP, ZRTP
HTTPS certificate manager		
AES encryption for configuration file		
Digest authentication using MD5/MD5-sess IEEE802.1X/OpenVPN		
IPv4/IPv6, LLDP/CDP/DHCP VLAN		