



## Enterprise IP Phone IP39-21

IP39-21 delivers superior HD audio quality, rich and leading edge telephony features, all the functions of software are the same as other models. It is a perfect choice for small to medium businesses looking for a high quality, feature rich IP Phone at an affordable cost.

IP Phone IP39-21





## Phone Features

---

4 SIP accounts  
Call hold, mute, DND  
One-touch speed dial, hotline  
Call forward, call waiting, call transfer  
Redial, call return, auto answer, direct IP call  
5-way conferencing  
Group listening, SMS, emergency call  
Ring tone selection/provisioning  
Set date time automatically or manually  
Dial plan per account  
RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)  
Action URL/URI

## Voice Codex Features

---

HD voice, HD handset, HD speaker  
Codecs: iLBC, G.722, G.711(A/μ), Opus  
G.723, G.729AB, G.726-32  
DTMF: In-band, RFC 2833, SIP INFO  
Full-duplex hands-free speakerphone with AEC  
VAD, AGC, CNG, AEC, PLC, AJB

## Directory

---

Local phonebook up to 1000 entries  
XML/LDAP remote phonebook  
Intelligent search method  
Phonebook search/import/export  
Call history: dialed/received/missed/forwarded  
Black list

## IP-PBX Features

---

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

## Display and Indicator

---

2.8" 320x240 pixel color LCD with backlight  
LED for call and message waiting indication  
Illuminated LEDs for line status information  
Intuitive user interface with icons and soft keys  
National language selection  
Caller ID with name, number

## Feature keys

---

4 line keys with LED  
4 line keys can be programmed up to 12 Paperless DSS keys  
6 feature keys: mute, headset, message  
transfer, redial, speaker  
4 context-sensitive "soft" keys  
5 navigation keys,  
volume control keys

## Interface

---

Dual-port 10/100M Ethernet  
Power over Ethernet (IEEE 802.3af), class 2  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port

## Physical Features

---

Stand with one angle at 40°  
Wall mountable  
External universal AC adapter :  
AC 100~240V input and DC 5V/1.2A output  
Power consumption (PSU): 1.8~4.4W  
Power consumption (PoE): 2.3~5.3W  
Operating humidity: 10~95%  
Operating temperature: -10~50°C

## Management

---

Configuration: browser/LCD-Menu/auto-provision  
Auto provision via HTTP/HTTPS FTP/TFTP  
Auto-provision with PnP  
Reset to factory, restart, reboot  
Local tracing log export, system log  
Phone lock for personal privacy protection

## Network and Security

---

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