



UC505



Enterprise HD IP Phone

—Gigabit Color IP Phone UC505

UC500 series is a new IP phone family with unique hardware housing, which is provided to especially such partners as PBX vendors, ITSPs and operators.



IP Phone UC505



Phone Features

8 SIP account
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 display with backlight
16 bit depth color
LED for call and message waiting indication
Dual-color(red or green)Illuminated
Wallpaper, national language selection
Intuitive user interface with icons and soft keys
Caller ID with name, number and photo

Feature keys

8 line keys with LED
8 line keys can be programmed up to
28 various features (4-page view)
8 feature keys: voice mail, headset, mute,
speaker, transfer, redial,
4 context-sensitive "soft" keys
6 navigation keys, volume control keys
Illuminated speaker key/headset key/mute key

Interface

Dual-port Gigabit 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°
Built-in USB port
Wall mountable
External universal AC adapter :
AC 100~240V input and DC 5V/1.2A output
Power consumption (PSU): 1.6~2.6W
Power consumption (PoE): 2.0~3.2W
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