Enterprise Video Phone

——Smart IP Phone UCV22

UCV22 is an enterprise video phone with a seven-inch 1024x600 multi-point touch IPS screen. High-resolution IPS screen and HD voice bring you realistic visual and audio experience. It has a built-in 2 mega-pixel camera to make video conference convenient and fast. Based on Android 11 operating system, UCV22 supports multi-point touch IPS screen, built-in Bluetooth and dual band Wi-Fi (2.4G/5G), which can adapt to more flexible office scenes and easily improve productivity. Using T-Flash can greatly expand the storage space of the IP Phone. It has faster response speed and richer expansion functions. Through UCV22, you can better conduct remote collaboration.

UCV22

| 7 INCH | Android OS | HD 1080P HD Video | Acoustic Shield |
| Phonebook 10000+ | USB 2.0 | 2.4G/5G | Bluetooth |

Phone Features

16 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
Three-way video conferencing
Ten-way audio/video mixed conferencing (up to 2 video 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

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

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

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

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

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 HDMI port
1 x Micro SD card slot
1 x Security lock port

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

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

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

Network and Security

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