



## Enterprise Smart IP Phone

### ——Smart IP Phone UCV20

UCV20 is an innovative smart IP phone with a seven-inch 1280x800 multi-point touch IPS screen, built-in Bluetooth module and dual-band Wi-Fi (2.4G/5G) module, covering all scenes. It has smooth operation interface, faster response speed and richer extension function based on Android 11 operating system. It supports up to ten-way audio/video mixed conferencing (up to 2 video call). UCV20 is optimized for executive use for major decision makers, administrative assistants so that design and user experience are more businesslike. The high-resolution IPS screen and HD Voice bring you the lifelike visual and audio experience.

UCV20





## 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  
Notification Center and Control Center  
USB ports (3.0 compliant) for media, storage applications and extending camera with USB3.0 cable  
Third party Android application support

## Video Features

Support 1080p HD Video  
Video codec: H.265, H.264 High Profile, H.264, H.263, VP8  
1080P USB HD camera (optional)

## 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  
8 feature keys: hold, transfer, redial, headset, mute, speakerphone, Volume Up, Volume down

## Interface

Dual-port Gigabit Ethernet  
Power over Ethernet (IEEE 802.3af), class 3  
1 x USB port (3.0 compliant) for camera/USB3.0 cable  
1 x RJ9 (4P4C) handset port  
1 x RJ9 (4P4C) headset port  
1 x RJ12 (6P6C) EXT port

## Physical Features

Stand with 2 adjustable angles  
Wall mountable  
External universal AC adapter:  
AC 100~240V input and DC 12V/2A output  
Power consumption (PSU): 9~13W  
Power consumption (PoE): 10~14.5W  
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, 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 4.2:**  
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-session  
IEEE802.1X/OpenVPN  
IPv4/IPv6, LLDP/CDP/DHCP VLAN