

# VC500

## Video Conferencing System



Wide-angle  
Lens



Fits on  
TV



H.265/HEVC



1080P/60FPS



Touchable  
Phone

- RS232/HTTP API for control system integration
- SRTP/TLS, AES 128-bit encryption
- QoS: 802.1p/q, Diff-serv
- VLAN, IEEE802.1X, LLDP-MED
- Anti-attack
- Network diagnosis: Ping, trace route
- Time and date synchronization using SNTP
- Built-in certificate

### NAT AND FIREWALL TRAVERSAL

- ICE/TURN/STUN
- H.460
- NAT (manual/auto mode)
- Upstream intelligent firewall traversal
- Open VPN

### CONFIGURATION MANAGEMENT

- Configuration via browser/display/auto-provisioning
- Virtual remote control
- Firmware upgrading, factory resetting
- Export or import configuration
- System log exporting

### VC500 CODEC CONNECTIONS

- 2 x HDMI output
- 1 x Yealink extension port (RJ-45) connect to VCH50 /CP960 Phone
- 1 x 10/100/1000M Ethernet port
- 2 x USB 2.0
- 1 x Power port
- 1 x Security lock slot
- 1 x Reset slot

### VC500 CONNECTIONS

- 1 x RJ45 port connect to VC500 codec
- 1 x RJ45 port connect to CP960
- 1 x HDMI input for content sharing (with audio)
- 1 x Mini-DP input for content sharing (with audio)
- 1x USB 2.0 for recording

### OTHER PHYSICAL FEATURES

- External Yealink Power Adapter : AC 100-240V input and DC 48V/0.7A Output
- Wall/TV mounted shelf with screws
- Power consumption (PSU): Idle<7.8W, normal operating: 8W; MAX: 11.8W
- Dimension (W.D.H):
  - VC500 codec: 300 mm\*99 mm\*165.3 mm
  - CP960: 338mm\*338mm\*74mm
  - VCR11: 190mm\*55mm\*24mm
- Operating humidity: 10-95%
- Operating temperature: 0-40°C
- Storage temperature: -30-70°C

### PACKAGE FEATURES

- N.W/CTN: 6.6 kg
- G.W/CTN: 7.8 kg
- Giftbox size: 385mm\*290mm\*245mm

## SPECIFICATIONS

### PACKAGE INCLUDES:

- VC500 Codec (integrate camera)
- CP960 Conference Phone with 2 Wired Expansion Mics
- Or 2 X Wireless Microphones
- Cable Hub VCH50
- Remote Control VCR11
- Cable Bundle

### FULL-HD PTZ CAMERA

- 1920 x 1080 video resolution
- 60 frame rate
- 5x optical zoom PTZ camera
- Horizontal field of view: 83°
- Vertical field of view: 52°
- Pan angel range: +/- 30°
- Tilt angel range: +/- 20°
- Beauty shot

### VIDEO STANDARD & NETWORK SUITABILITY

- Video codecs: H.265/HEVC, H.264 High Profile, H.264, H.263
- Forward Error Correction (FEC)
- Anti 30% video packet loss
- Bandwidth dynamic adaptive adjustment
- Shared content and audio preference strategy
- Bandwidth/protocol/ auto adaptive

### AUDIO FEATURES

- Audio codecs:
  - Opus, 8-48kHz sampling rate
  - 14kHz bandwidth with G.722.1C
  - 7kHz bandwidth with G.722.1
  - 3.4kHz bandwidth with G.711 (PCMA/PCMU)
- Audio technology:
  - Acoustic echo cancellation
  - Automatic gain control
  - Yealink Noise Proof Technology
  - CNG, PLC, AJB, De-Rerb

### VCS PHONE CP960

- Built-in 3-microphone array
- 20ft/360° voice pickup range
- 2 x CP Wired Expansion Mic
- Harman speaker
- 5-inch touchscreen with 1280\*720 resolution

### CP WIRELESS EXPANSION MIC CPW90

- DECT Technology
- 800mAh battery capacity
- 24-hour talking time
- 12-day standby time
- Indoor range: 50m
- Outdoor Range: 300m (in ideal conditions)
- 10-foot (3-meter) 360° voice pickup
- Mute the microphone with touchpad

### CALL FEATURES

- 1080p60 people + 1080P30 content sharing video quality
- Video Layout: Picture-in-picture (PIP)
- Video/audio recording and playback
- Dual displays and 'focus' feature
- Screenshots in USB flash drive
- Group dial
- YMS meeting control:
  - invite/remove
  - mute/unmute participates
  - lock
- DND (do not disturb), call statistics
- Auto answer, mute, and call waiting
- Virtual keyboard
- Local directory: 500 entries
- Call history: all/missed/received/dialed
- LDAP phonebook
- Multi-language support

### STANDARD COMMUNICATION PROTOCOL

- H.323/SIP
- Dual stream protocol: H.239 (H.323)/BFCP (SIP)
- FECC: H.224/H.281, Sony VISCA and PELCO D/P
- H.323 protocol suite: H.245, H.225, H.235, H.241
- Gatekeeper account and SIP account

### COMPATIBLE CLOUD PLATFORMS

- Upstream Cloud Management Service
- Upstream Meeting Server
- StarLeaf/UC OpenCloud, supports QCP code
- Pexip/Mind/Zoom/BlueJeans

### NETWORK AND SECURITY FEATURES

- IPv4 and IPv6, DHCP/static IP
- HTTP/HTTPS web server