

## Offering an Outstanding 1080P Full-HD Video Conferencing Experience

Yealink VC400 is the latest innovative 1080P full-HD video conferencing system designed specifically for head office use. This system supports a H.323 and SIP dual protocol to ensure good compatibility with mainstream video conferencing systems. VC400 is equipped with an 18X optical PTZ camera so that users can enjoy 4-site 1080P full-HD video conferencing, as well as 1080P contents sharing. VC400 also supports dual displays, USB recording and playback. With an extraordinary video and audio experience, VC400 is definitely the best choice for your business video conferencing.



4-site  
1080P MCU



Content  
sharing



Optima  
HD Voice



18x optical  
zoom camera



Video  
recording



Dual  
monitors



### Key Features and Benefits

#### HD Video

The system offers multipoint video conferencing between you and up to four other participants through an embedded full-HD multipoint control unit (MCU). It also supports full-HD dual stream to demonstrate documents or videos. This significantly improves the conferencing experience among users.

#### Optimal HD Voice

The Yealink VCS Phone has several built-in microphone arrays and supports 360 degree voice pickup. With an optional expansion microphone KIT, the voice pickup range can be extended to up to 5 metres. 20KHz CD level broadband audio quality, plus a number of new leading-edge professional voice processing technologies, bring users an excellent audio experience.

#### Outstanding User Experiences Experience

Yealink VC400 makes maximum use of its advanced features to provide an outstanding user experience. Yealink supports intelligent searching when making calls. During a call, you can adjust the screen layout as you wish. In addition, using the dual-screen display, you can show whatever you like on a second screen at full size. This system also supports video recording and screenshots to record conferences more efficiently. An outstanding user experience leads to lower learning costs and higher efficiency.

#### High Interoperability

Yealink VC400 supports SIP and H.323 and is compatible with the industry's major system and terminal vendors, introducing an important cost-effectiveness and flexibility that helps users to expand their businesses. Interconnection is also possible with other devices such as video phones, tablet computers and smartphones. Users can access video conferencing at anytime and anywhere at their convenience.

- 4-site 1080P full-HD multipoint control unit (MCU)
- 18x optical zoom PTZ camera
- Microphone arrays with 360 degree voice pickup
- H.264 high profile, saving 50% bandwidth
- Yealink intelligent firewall transversal
- Video recording and playback
- Dual displays and 'focus' feature
- High compatibility and interoperability

#### System Components

- Codec VC400
- VCS Phone VCP40
- HD PTZ Camera VCC18
- Remote control VCR10

#### Full-HD Camera

- 1920x1080 video resolution
- Up to 18x optical zoom PTZ camera
- Pan angle range:  $\pm 100^\circ$
- Tilt angle range:  $\pm 30^\circ$
- Up to 10 preset position
- Beauty shot feature

#### MCU Processing Capacity

- 4-site 1080P/8-site 720P (Pending)
- Additional 1-way audio call
- Mixed protocols, codecs, bandwidth, resolution and frame rate

#### Video Resolution

- Full HD 1080P at 30fps (1920x1080), from 1Mbps
- 720P (1280x720), from 521Kbps
- W448P (768 x 448), WQVGA (400 x 240)
- 4CIF (704 x 576), CIF (352 x 288)

#### Video Standard and Network Suitability

- H.264 High Profile, H.264, H.263
- Bandwidth dynamic adaptive adjustment
- Forward Error Correction (FEC), anti 8% video and 20% audio packet loss
- Shared content and audio preference strategy
- Bandwidth Auto adaptive/Protocol Auto adaptive/Audio/Video call Auto adaptive

#### Audio Features

- 3-microphone array
- 10ft/3-metre and 360 degree voice pickup

- Optional 2 expansion microphones, enhancing voice pickup to 16ft/5-metres
- Audio Codecs: G.722.1C, G.722.1, G.722, G.711 u/a
- Audio technology: AEC, VAD, CNG, PLC, AJB, AGC

#### Call Features

- Dual 1080P30: people + content sharing
- Layout: full-screen, equal, one big /one small
- Dual-screen display and 'focus' feature
- Audio/Video recording and playback
- Screenshots in USB
- Sleep mode, DND
- Call statistics
- Auto answer, mute, and call waiting
- Intelligent searching
- Local directory: 1000 entries
- Call History: all/misled/received/dialed
- LDAP phonebook
- National language selection

#### Standard Communication Protocol

- H.323/SIP
- Dual stream protocol: H.239/BFCP (SIP)
- FECC: H.224/H.281
- H.323 protocol suite: H.245, H.225, H.235, H.241
- Support gatekeeper account and SIP account

#### Network and Security

- TCP/IP (IPv4), DHCP/stastic IP
- HTTP/HTTPS web server
- SRTP/TLS, AES encryption
- QoS: 802.1p/Q, Diff-serv
- IEEE802.1X, LLDP-MED, VLAN
- Time and date synchronization using SNTP
- Built-in certificate

#### NAT and Firewall Transversal

- NAT (manual/auto mode)
- Yealink intelligent firewall transversal
- OpenVPN
- H.460

#### Configuration Management

- Configuration via browser/display
- Firmware upgrading, factory resetting
- Export or import configuration
- SNMP, audio/video and network diagnosis
- Package tracing and system log exporting

#### Codec User Interface

- 1 x 10/100/1000M Ethernet
- 2 x HDMI, 1 x DVI, 1 x VGA
- 1 x VCS phone port (RJ-45)
- 1 x Line-in (3.5mm), 1 x Line-out (3.5mm)
- 1 x power port, 2 x USB2.0 port
- Others: 1 x power key, 1 x security lock slot, 1 x reset slot

#### Other Physical Features

- External universal AC adapter: AC 100~240V input and DC 19V/3.42 Output
- Power consumption (PSU): Idle < 2.8W, normal operating: 24W; MAX: 30W
- Dimension (W.D.H): Codec: 330mm x 183mm x 40mm; Phone: 320mm x 260mm x 52mm; Camera: 282mm x 152mm x 159mm; Remote control: 190mm x 55mm x 24mm
- Operating humidity: 10~95%
- Storage temperature: -10~50°C

#### Package Features

- N.W/CTN: 7.9kg
- G.W/CTN: 8.9kg
- Carton Meas: 418mm x 350mm x 420mm

#### Certification

