

Offering an Outstanding 1080P Full-HD Video Conferencing Experience

The VC110 is Yealink's latest innovative 1080P full-HD video conferencing endpoint for small meeting-offices. The VC110 was designed of all-in-one machine, which has a high performance to price ratio in addition to saving time in adjusting and installing. To make life easier still, the VC110 supports an intelligent firewall traversal which allows users to plug and play with no further firewall configuration from box to work in just five-minutes. In addition, VC110 also supports bandwidth dynamic adaptive adjustment, and an 8% resistance packet loss. It is definitely the best choice for business video conferencing.



Key Features and Benefits

HD Video

The system supports full-HD dual stream to demonstrate documents or videos, a development that significantly improves the user conferencing experience.

Optimal HD Voice

20KHz CD level broadband audio quality, plus a number of new leading-edge professional voice processing technologies, guarantee users an excellent audio experience.

Easy Installation

The VC110 all-in-one unit integrates the camera, the built-in microphone and the codec into a unit which allows users to plug and play just with connecting four lines from box to work in just five-minutes.

Outstanding User Experience

Yealink VC110 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 VC110 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.

- All-in-one machine
- H.264 high profile, saving 50% bandwidth
- Yealink intelligent firewall traversal
- Bandwidth dynamic adaptive adjustment
- Video recording and playback
- Remote diagnosis
- Dual displays and 'focus' feature
- High compatibility and interoperability

System Components

- Codec VC110 and Cable hub
- Remote control VCR10
- VCM60 and VCP40 optional

Full-HD Camera

- 1920x1080 video resolution
- Pan range: $\pm 100^\circ$
- Tilt range: $\pm 30^\circ$
- Up to 10 preset positions

Video Resolution

- Full-HD 1080P at 30fps (1920x1080), from 1Mbps
- 720P (1280x720), from 512Kbps
- 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

- Built-in Omnidirectional Microphone 10ft-3meters
- Wireless Micpod VCM60 and VCS Phone VCP40 optional
- Audio Codecs: G.722.1C, G.722.1, G.722, G.711 u/a
- Audio technology: AEC, VAD, CNG, PLC, AIB, AGC

Call Features

- Dual 1080P30: people+ content sharing
- Layout: full-screen, equal, one big /one small
- Dual displays 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.225, H.241, H.245, H.235 v3
- Support gatekeeper account and SIP account

Network and Security

- TCP/IP (IPv4), DHCP/static 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 traversal
- OpenVPN, H.460

Configuration and 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 Connections

- 1 x HDMI, 1 x DVI
- 1 x Line-in (3.5mm), 1 x Line-out (3.5mm)
- 2 x USB2.0 port
- Others: 1 x security lock slot, 1 x reset slot

Cable Hub Connections

1x 10/100Mb (RJ-45) Ethernet Interface

1x VGA Video input

1xRJ-45 Audio input/output: Phone

AC Adapter: 100-240V Input, 12V/2A Output

Other Physical Features

- External universal AC adapter:
AC 100~240V input and DC 12V/2 Output
- Power consumption (PSU): Idle < 2.8W,
normal operating: 24W; MAX: 30W
- Dimension (W.D.H):
Codec: 234.6mm x 151.5mm x 161mm;
Cable hub: 123.5mm*96.35mm*37.5mm
Remote control: 190mm x 55mm x 24mm
- Operating humidity: 10~95%
- Storage temperature: -10~50°C

Package Features

- N.W/CTN: 4.5kg
- G.W/CTN: 5.8kg
- Carton Meas: 356mm x 235mm x 255mm

Certification

