VC800 is the second generation full-HD video conferencing system launched by Yealink. Equipped with the strongest embedded MCU within the industry, VC800 can support 24-site HD video conferencing plus two virtual meeting rooms. It has an all-in-one design and first-class video and audio technology that creates an easier and more effective collaboration experience. As the newest generation of Yealink VC series video conferencing systems, the VC800 adopts an intuitive user interface that makes meeting control simpler. Featuring H.265/HEVC, Opus and HD voice backed by a superior speaker, the Yealink VC800 facilitates more immersive audio-visual collaboration. VC800 supports up to 8 VCC22 cameras as ‘1+8’ multi-camera solution. By leveraging Yealink Meeting Server(YMS), the VC800 seamlessly supports Meeting Scheduling and One-touch Meeting Access. All combine to make VC800 one of the perfect solution for the medium-to-large meeting rooms.
## Yealink VC800 Video Conferencing System

### Package includes:
- VC800 Codec (integrate camera)
- Video Conference Phone CP960
- CP Wireless Expansion Mic CPW90 (2 units) or CP Wired Expansion Mic CPE90 (2 units)
- Remote Control VCR11
- Cable Hub VCH50
- Cable Bundle

### Full-HD PTZ Camera
- 1920 x 1080 video resolution
- 60 frame rate
- 12x optical zoom PTZ camera
- Horizontal field of view: 70°
- Vertical field of view: 42°
- Pan angle range: +/- 100°
- Tilt angle range: +/- 30°
- Beauty shot

### Multipoint Capacity
- Built-in multipoint up to 24 sites at 1080p30
- Multipoint license for 8/16/24 sites
- Supports two virtual meeting rooms
- Additional five-way audio call
- Mixed protocols, codecs, bandwidth, resolution, and frame rate

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

### VCS Phone CP960 and Audio Features
- 5-inch touchscreen with 1280*720 resolution
- Speaker
- Built-in 3-microphone array
- 20ft/360° voice pickup range
- Supports 2 wireless (or wired) expansion mic
- 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

### Call Features
- 1080p60 people + 1080P30 content sharing video quality
- Video Layout:
  - Voice activation (onePlusN)
  - onePlusN, maximum 1+7 viewable participate
  - N*N, maximum 3*3 viewable participate
  - Picture-in-picture (PIP), full-screen
  - Video/audio recording and playback
  - Dual displays and ‘focus’ feature
  - Screenshots in USB flash drive
- Group dial
- Meeting control:
  - invite/remove
  - mute/unmute participate
  - (only for Yealink Meeting Server)
- lock
- DND (do not disturb), call statistics
- Auto answer, mute, and call waiting
- Virtual meeting room password
- 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
- Gatekeeper account and SIP account

### Network and Security Features
- IPv4 and IPv6, DHCP/static IP
- HTTP/HTTPS web server
- 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
- NAT (manual/auto mode)
- ICE/TURN/STUN
- Yealink intelligent firewall traversal
- Open VPN, H.460

### Call Features
- 2 x HDMI output (supporting CEC function)
- 1 x Line-in (3.5mm)
- 1 x Line-out (3.5mm)
- 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

### VCH50 Connections
- 1 x RJ45 port connect to VC800 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<16W, normal operating: 17W; MAX: 21W
- Dimension (W.D.H):
  - VC800 codec: 235 mm x 172 mm x 169 mm
  - CP960: 338mm x 338mm x 74mm
  - VCR11: 190mm x 55mm x 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: 414mm*402mm*384mm

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**Compliance**

- CE
- FCC
- REACH
- ISO 9001

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**YEALINK NETWORK TECHNOLOGY CO., LTD.**

Email: sales@yealink.com  
Website: www.yealink.com
Connections

- If you use CP Wireless Expansion Mic CPW90, you can do the following:
  - Connect to the HDMI 1 port if you only have one display device.

- If you use CP Wired Expansion Mic CPE90, you can do the following:
  - Connect to the HDMI 1 port if you only have one display device.
About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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