UHD 4K Video Conferencing Endpoint for Small Room

Yealink MeetingEye 400 is the smart video conferencing endpoint, designed for small meeting rooms. Supporting dual 4K video conference, 20MP camera , and 133 ° super-wide-angle lens, MeetingEye 400 delivers outstanding video quality. Its AI technologies and built-in auto privacy shutter allow users to experience a smarter and safer video conference. With 8 MEMS microphone arrays and Yealink new audio algorithms, MeetingEye 400 brings excellent audio experience in small rooms even in full-duplex mode and ensures that everyone can be heard as well as seen. Combining codec, camera, microphone, speaker, Wi-Fi, and Bluetooth, MeetingEye 400 provides you a solution of simple deployment. All of these make MeetingEye 400 the ideal choice for small rooms as it helps you experience simple deployment and also produces more intelligence and usability. Moreover, MeetingEye 400 can be compatible with most cloud platforms and act as the PC audio & video peripherals.

20 MP Camera	Wide-angle Lens	Auto Privacy Shutter	Microphone Array	Bulit-in Speaker
Dual 4K conference	USB mode	AI Auto Framing	Wireless Presentation	Wi-Fi & Bluetooth

Key Features and Benefits

20 MP | SONY 1-inch CMOS | Super-Wide 133° Field of View
20 MP camera with SONY 1-inch CMOS brings UHD 4K video conference with delicate details. With super-wide 133° field of view, everyone in the conference can be seen without adjusting the camera. Moreover, the image brightness can be automatically optimized even in a dim or backlight environment, ensuring the participant faces can be seen clearly.

Sound Localization for Full-Duplex Mode
8 MEMS microphone arrays make MeetingEye 400 have stronger ability of noise proof and dereverberation. The new upgraded audio algorithm, together with the technology of post-processing on acoustic echo cancellation and the dereverberation algorithm, brings high quality full-duplex call and realizes more precise voice pickup.

Smart Video Conferencing with AI Technology
Featuring AI technology, including Auto Framing and Speaker Tracking, MeetingEye 400 can not only automatically adjust the image size according to the number and the position of the participants, but also automatically zoom in the speaker without adjusting the camera, making the participants more focus on the conference.

Secure Conference with Auto Camera Privacy Shutter
The camera privacy shutter automatically opens when the video conference starts and remains closed when not having video conferences. The lens status is visible at a glance, eliminating "lens anxiety" in daily conferences.

USB Mode, Act as PC Audio & Video Peripherals
Compatible with mainstream video conferencing apps, MeetingEye400 can work with VCH51 and act as the PC audio and video peripherals via a USB Type-C cable to provide excellent audio and video experience for different cloud platforms.

- 20MP camera with SONY 1-inch CMOS
- 133° super-wide-angle lens
- Auto privacy shutter
- Ultra HD 4K video call
- Act as the PC audio & video peripherals via VCH51
- H.265/HEVC video codec
- Built-in 8 MEMS microphone arrays
- Bulit-in speaker
- Built-in dual-band Wi-Fi (2.4GHz/5GHz) and Bluetooth
- Intelligence Feature and Speaker Tracking
- Wireless and wired presentation
- Whiteboard and annotation on content sharing

Package includes:
- MeetingEye 400 Codec
  (integrate codec/camera/microphone/speaker)
- VCR20 Remote Control
- Wall Bracket
- Optional
  - Collaboration Touch Panel
  - Wireless Presentation Pod(WPP20)
  - Wireless Microphone
  - VCH51 Sharing Box
  - TV Mount Kit

Operating System and Support Platform
- Based on Android 9.0
- Yealink Meeting Server (YMS)
- Yealink Meeting
- USB mode (VCH51 provided)
  - As the PC USB camera, up to 1080p30
  - As the PC UCB microphone and speaker

Camera
- 20MP Camera with SONY 1-inch CMOS
- 133° field of view
- 4x e-PTZ camera
- Auto Privacy Shutter
- Intelligence Feature
  - Auto Framing
  - Speaker Tracking

Microphone
- Built-in 8 MEMS Microphone Array
- Wireless Microphone (optional)

Speaker
- Built-in 5W Speaker

Audio Features
- Audio codecs:
  - ARES: 48kHz bandwidth
  - Opus: 8~48kHz bandwidth
  - G.722.1C: 14kHz bandwidth
  - G.722.1: 7kHz bandwidth
  - G.711 (PCMA/PCMU): 3.4kHz bandwidth
  - G.729
- Audio technology:
  - Yealink Noise Proof Technology
  - Beamforming directed voice pickup technology
  - Post-processing on multi-channel acoustic
    echo cancellation
- Multi-channel dereverberation
- Long-distance full-duplex voice pickup
- Automatic gain control
- CNG/PLC/AJB/De-Rerb

Call Features
- Video quality: up to 4Kp30 people + 4Kp15
  content sharing
- Bandwidth Requirements:
  - 4Kp30: 2Mbps or more(H.265)
  - 1080p30: 512Kbps or more (H.265)
  - 720p30: 384Kbps or more (H.265)
- Video/Audio recording and playback
- DND (do not disturb)
- Multi-language support

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

Video Standard and Network Suitability
- Video codecs:
  H.265, H.264 High Profile, H.264, H.263, H.263+
- Forward Error Correction (FEC), anti 30% video
  packet loss and 70% audio packet loss
- Bandwidth dynamic adaptive adjustment
- Shared content and audio preference strategy
- Bandwidth/ protocol/ video&audio self-adaptive

Network and Security Features
- Built-in dual-band wireless network
  (802.11a/b/g/n/ac)
  - Wireless AP mode
  - Wireless Client mode
- Bluetooth 4.2
- TCP/IP (IPv4 and IPv6), DHCP/Static IP
- HTTP/HTTPS Web server
- RS232/HTTP API for control system integration
- SRTP/TLS/H.235/AES 256-bit encryption
- QoS: 802.1p/q, Diffserv
- 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)
- Yealink Intelligent Firewall Traversal
- OpenVPN

Content Sharing
- HDMI/USB-C (VCH51)
- Wireless Presentation Pod (WPP20)
- Apple AirPlay
- Miracast
- Virtual Whiteboard

Configuration Management
- Yealink Management Cloud Service
- Configuration via web/display/auto-provisioning
- Virtual remote control
- Firmware upgrade
- Export or import configuration
- System log exporting

MeetingEye 400 Codec Connections
- 1 x HDMI output (CEC supported)
- 2 x USB 2.0
- 1 x 10/100/1000M Ethernet port
- 1 x Yealink extension port (RJ-45)
- 1 x Power port
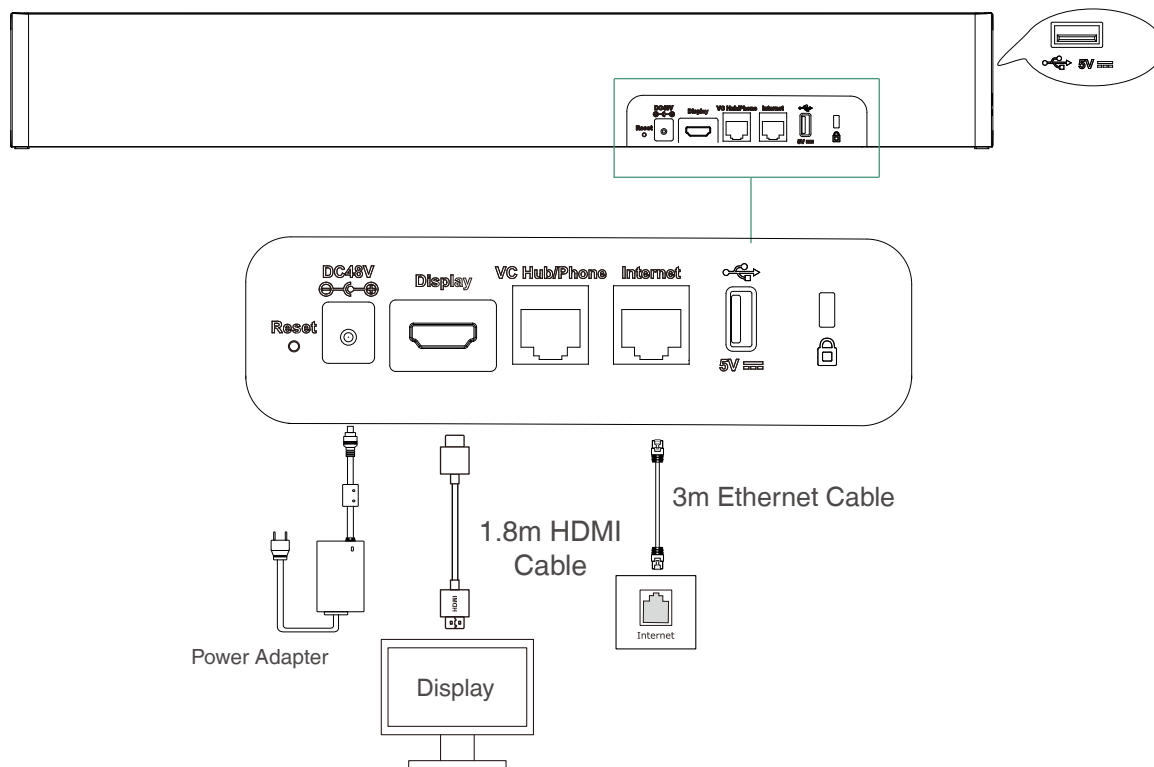- 1 x Security lock slot
- 1 x Reset slot

Other Physical Features
- External Yealink Power Adapter: AC 100~240V
  input and DC 48V/0.7A Output
- Storage: built-in 16 GB
- USB Output: 5V === 500mA
- Power consumption (PSU):
  Idle＜8.8W; Normal operating: 9.2W; MAX: 10.2W
- Dimension (W.D.H): 600 mm x 68 mm x 82 mm
- Operating humidity: 10~95%
- Operating temperature: 0~40°C
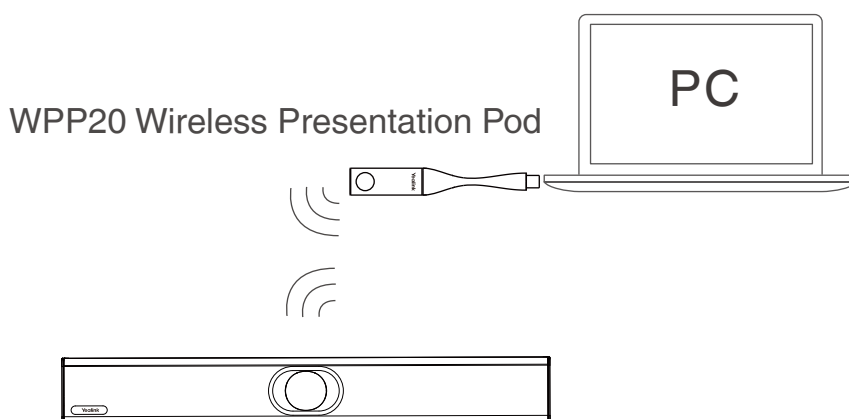- Storage temperature: -30~70°C

Compliance
CE RoHS FCC Certification RoHS Compliant REACH ISO 9001 ANATEL

Endpoint Connections

5V

Reset DC48V Display VC Hub/Phone Internet 5V

Power Adapter

1.8m HDMI Cable

3m Ethernet Cable

Internet

Display

Wireless Content Sharing

WPP20 Wireless Presentation Pod

PC

Yealink

About Yealink

Yealink (Stock Code: 300628) is a global brand that specializes in video conferencing, voice communications and collaboration solutions with best-in-class quality, innovative technology and user-friendly experience. As one of the best providers in more than 140 countries and regions, Yealink ranks No.1 in the global market share of SIP phone shipments (Global IP Desktop Phone Growth Excellence Leadership Award Report, Frost & Sullivan, 2019).

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