Yealink

Yealink Meeting

PRODUCT MANUAL

Yealink Meeting

Yealink Meeting is a distributed cloud-based service platform tailored for multi-way video conferencing collaboration. As a powerful all-in-one service platform, Yealink Meeting not only brings MCU, registrar server, traversal server, meeting management server, meeting control server, enterprise directory server, GK&H.460 server and so on together, but also seamlessly integrates with s a whole series of video conferencing products. Being in an advanced distributed architecture, Yealink Meeting is distributed with multiple service nodes around the world with better expandability, and it also owns multi-point and multi-machine hot standby which are functioned as a failover mecha-nism to provide reliability in system configuration. Characterized with rich functions, it provides 1080P full encoding and decoding capability and multi-groups and large-capacity conferences, scheduled conference, meet-now conference, etc. Ease-of-use, simple deployment, easy maintenance, good security and reliability, Yealink Meeting delivers the specific solutions to address your unique needs for an enterprise or a service provider.

Key Features

• All-in-one, brings MCU, registrar, directory, traversal server, meeting management server and GK&H.460 server together

• Advanced cloud-based architecture with multiple worldwide service nodes

• 1080P full encoding and decoding capability

• Supports a Standard SIP/H.323 Endpoint dial server IP to join meeting directly

• Interoperability with Microsoft Teams for audio, video, and content sharing

• Supports RTMP Live, a large number of participants can watch the live broadcast simultaneously

• ICE/TURN/STUN/NAT/H.460, deployment across the network

• Supports scheduling meeting through Outlook or Web or Yealink Client

• Supports multiple conference modes: P2P, scheduled conference, instant meeting, Virtual meeting room, and supports a variety of layout modes includes speaker mode, picture in picture mode, gallery mode

• TLS/SRTP/HTTPS and dynamic password ensures the security of conference

• Deeply integrated with Yealink VC devices, support conference reminder and one-touch conference access

• Support enterprise reports and statistics, data visualization analysis

Specifications

System Services Modules	• MCU • Registrar Server • Traversal Server • Enterprise Directory Server	• Meeting Management Server • H.323/SIP Trunk Server • RTMP Live Server • Teleconferencing Server
Audio And Video Features	• Dual 1080P30: video + content sharing • Video resolution: 1080P, 720P, 360P, 4CIF, CIF • Video codec: H.264 High Profile, H.264, H.263+, H.263, VP8 • Audio codec: Yealink ARES, Opus, G.722.1C, G.722.1, G.722, G.711(a/u), G.729, AAC-LC • Forward Error Correction (FEC), anti 70% audio packet loss and 30% video packet loss • Bandwidth dynamic adaptive adjustment	
MCU	• 1080P30 full HD video encoding and decoding • Mixed protocols, bandwidth, resolution and frame rate • Interactive broadcasting conference, up to 1000 participants in every single conference • Unlimited group conference • Flexible layouts: Gallery Mode NxN (N=2, 3, 4, 5, 6, 7), Speaker Mode 1+N (N=0, 4, 7, 9, 12, 16, 20) and Picture in Picture Mode • Gallery Mode and Speaker Mode layouts dynamically scale as more participants join • Set as spotlight • Voice activated speaker • Configurable video carousel • Permanent/dynamic conference ID and password without conflict	

	• Configurable permanent Virtual Meeting Room (VMR) • Interactive Voice Response (IVR) • Join Cloud video conference via Teams Client
Registrar and Traversal	• Enterprise self-management • 4-digit extension within enterprise • Up to 10,000 accounts • 9-digit cloud account across the enterprises • Import and export accounts in batch • P2P conferencing without port resources consumption • Organizational structure • Enterprise directory database synchronization • Group management for user accounts • ICE/TURN/STUN/NAT/H.460
Meeting Management	• Support scheduling meeting via Web or Outlook • Room system account associated with meeting room • Support Speaker Mode, Gallery Mode and Picture in Picture Mode • Create instant conference by one-click (Meet Now) • Automatic synchronization of scheduled confer-ence to Yealink video endpoints • Conference reminder and one-touch conference access • Automatic dialing • Register and join conference via standard SIP/H.323 devices • Join conference via mobile phone and desktop phone • Share conference information via QR Code
Meeting Control	• Personal layout and broadcasting layout • Invite/remove participants • Lock/unlock and end conference • Conference lobby • Mute/unmute audio and video • Block/unblock audio and video • Apply for speaking in meeting • Set as spotlight • Rename • Remote camera control（FECC） • Participants'role free switching • Invite contacts, H.323/SIP/Teams device • Manual/automatic roll call and export record • Fast call • Conference banner • Dynamic/static subtitle messaging to individual or all parties • Display or hide participant name and status • Call statistics
Value-Added Services	• Teleconference service • Cloud storage services • Live broadcast service • Support Teams service
System Management	• Email notification • Link your cell phone number to your account • Meeting Statistics: Conference details and ports details • Conference parameters configuration • Open API
Network And Security	• H.323/SIP • Dual stream protocol: H.239/BFCP • SRTP/TLS, AES (256) encryption • Meeting password and troubleshooting mechanism • HTTPS Web Server • SSH remote secure access • Double-layer firewall • Intrusion Detection System (IDS) • Real-time network monitoring

- System defense
- Vulnerability scan & bug fix
- Anti-virus

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