MeetingEye 500 Pro

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Split design for medium-sized conference room scenarios

As the next-generation video conferencing system, MeetingEye 500 Pro is designed for medium to large conference rooms. It supports 4Kp30 ultra-high-definition video calls and content sharing. With triple-screen HD display capability, it allows flexible selection and zooming in on displayed content. It can be paired with the new generation 4K ultra-clear PTZ camera featuring 36x hybrid zoom and also supports third-party camera input, catering to various scene requirements of medium to large conference rooms.

MeetingEye 500 Pro excels in handling video packet loss, ensuring smooth video streaming without screen freezing. It is paired with a cascading array microphone that has a built-in three-microphone matrix, with a single microphone offering a 360° pickup range. Additionally, it is accompanied by Yealink's newly launched video conferencing speaker, delivering a professional sound experience.

The VCH interface of MeetingEye 500 Pro integrates data transmission, signal control, and power supply into one, simplifying connectivity between accessories and the host using a single network cable. This streamlined setup effectively reduces deployment costs. The system supports wired auxiliary stream input, making it adaptable to various computers. Supports H.323/SIP dual protocols, widely compatible, and deeply integrated with Yealink video conferencing servers, providing a good video conferencing experience.

Key features and benefits

4K high-definition image, tracking every moment of the meeting with better detail performance

MeetingEye 500 Pro supports 4K Ultra HD portrait display image quality, which can resist 50% video packet loss and smooth video without screen splash. Experience super stable video quality that truly conveys participants' body movements, facial expressions, and excellent detail performance. Whether it's a training demonstration, design discussions, financial seminars, or other important meetings, our product enables you to create more value by capturing every moment with precision.

Triple-screen display, enhance productivity, and help you communicate confidently in meetings

MeetingEye 500 Pro provides three HDMI outputs, all supporting high-definition displays. No complicated switching

of screens and devices is needed. The three screens can present different images, showcasing richer content and information, unlocking your ease of communication every time, achieving efficient communication, and doubling productivity.

Split design, easy installation & deployment

MeetingEye 500 Pro features a split-body design with built-in ear hooks, allowing for easy installation in server cabinets. Through the VCH interface, data transmission, signal control, and power supply are integrated into one, combining three lines into one. Only one network cable is needed to connect the accessories and the host, simplifying the layout of the conference room and reducing deployment costs.

Supports USB peripheral mode, expanding more possibilities for audio and video

MeetingEye 500 Pro can be paired with Yealink accessory products to support multiple specifications of cameras and audio devices, covering the needs of various meeting room scenarios, and using USB peripheral mode to provide participants with a high-quality audio and video experience.

Specifications

Specifications	Description
Video specifications	· Portrait video quality: Up to 4Kp30 · Content video quality: Up to 4Kp30 · Dual stream capability: Up to 4Kp30 portrait + 4Kp15 content · Supports 60 frames · Bandwidth requirements: - 4Kp30, minimum bandwidth 2Mbps (H.265) - 1080p60, minimum bandwidth 1Mbps (H.265) - 1080p30, minimum bandwidth 512Kbps (H.265) - 720p30, minimum bandwidth 384Kbps (H.265) · Video packet loss resilience: 50%
Camera	· Yealink cameras: Optional UVC30 (only supports output, no configuration and control) / UVC84 / UVC86 · Third-party cameras: Supported
Audio device	· Microphone: Optional VCM35/VCM38/CM20/or a third-party device · Conference phone: Optional one CP965 as the pickup and playback device, optional one pair of CPE95 expansion microphones (i.e., two, inseparable) to be used with CP965 · Speaker: Optional MSpeaker II/CS10/or a third-party device
Content sharing accessories	VCH51 Wired Content Sharing (including BYOD)
Controller	· Remote control: standard VCR11 remote control · Touch panel: optional CTP18 touch panel
Content sharing	· Supports HDMI IN content sharing · Wired auxiliary streaming kit VCH51 (optional) - Supports HDMI / USB-C video input - Supports up to 4Kp30 or 1080p60

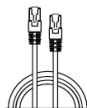| NAT traversal	· ICE/TURN/STUN · H.460 · NAT traversal (manual / automatic mode) · Yealink intelligent firewall traversal
Configuration Management	· Automatic configuration through web interface/display interface / CTP18 / AutoP · Firmware upgrade, restore factory settings · Configuration import and export · System log export
Network and Security	· TCP/IP: IPv4 & IPv6 · Communication Protocol: H.323/SIP · Penetration Function: - HTTPS Web Security Access - Support API interface signaling, TCP/IP, and RS232 dual connection methods - SRTP/TLS, AES encryption - QoS: 802.1p/Q, Diffserv - IEEE 802.1X, LLDP-MED, VLAN - Anti-network and protocol attacks - Diagnostics - Audio and Video Diagnostics - Network Diagnostics - SNTP Automatic Date and Time Synchronization - Built-in Security Encryption Certificates · Encryption Features: SRTP/TLS/H.235/AES 256-bit
Physical Port	· Display Port: 3 * HDMI output Port, supporting up to 4K30 display · VCH Port: 2 * VCH/LAN (configurable as regular VCH port or Internet port), Audio · Camera in Input Port: For HDMI camera input, supporting up to 4K30fps · PC in Input Port: Direct PC connection to the main unit for auxiliary stream sharing, supporting up to 4K15fps · USB Port: 3 * USB-A, supporting UVC30 connection · Network Port: 1 * 10/100/1000Mbps network port (if VCH is switched to Internet port, then supports 2 network interfaces) · RCA Audio Input Port: 2 · RCA Audio Output Port: 2 · Power Port: 100-240 ac 1.5A 50/60Hz
Video codec standard	· H.265, H.264 SVC, H.264 HP, H.264, H.263. H.263+ · 50% video packet loss resistance · Auxiliary stream priority strategy, audio priority strategy · Call bandwidth adaptation, protocol adaptation, audio and video adaptation
Audio codec standard	· AAC-LD, ARES, G.722.1C, G.722.1, G.722, G.711(PCMU/PCMA), G.729 · Audio Technology - Yealink Noise Proof Technology - Multi-channel acoustic echo cancellation - Multi-channel de-reverberation technology - Automatic gain control - CNG/PLC/AJB/De-Rerb · Anti 80% audio packet loss

Communication standard protocol	· H.323/SIP · Dual-stream protocol: H.239 (H.323) / BFCP (SIP) · Far-end camera control protocol (FECC): H.224/H.281 · Camera control protocol: Sony VISCA, PELCO D/P · H.323 protocol suite: H.245, H.225, H.235, H.241 · Supports gatekeeper account and SIP account
Video call resolution	4K, 1080P, 720P, 480P, 360P, 4CIF, CIF
Other physical attributes	· Power supply: AC 100-240V input · USB output: 5V ⎓ 1A · Power consumption: - Standby: 7.6 W - Normal operation: 8.3 W - Maximum: 16.6 W · Dimensions (W.D.H): - MeetingEye 500 Pro: 430 mm x 230 mm x 44 mm - VCR11 remote control: 190 mm x 55 mm x 24 mm · Operating environment humidity: 10-95% · Operating environment temperature: 0-40°C · Storage environment temperature: -30 to 70°C
Package Features	· N.W/CTN: 16.3 kg · G.W/CTN: 17.4 kg · Carton Meas: 486mm x 294mm x 570mm

MeetingEye 500 Pro

Package Contents
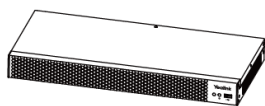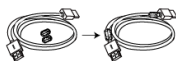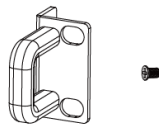
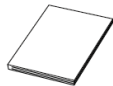|			
	(3.0m, 9.84ft)	(1.8m, 5.91ft)	(1.8m, 5.91ft)
MeetingEye 500 Pro Codec	Ethernet Cable	HDMI Cable×2	Power Adapter
Mounting Ear ×2, Screw ×8	VCR11 Remote Control	Cable Tie ×5	Quick Start Guide

> ⚠ **WARNING**
>
> This is a Class A product. In a living environment, the product may cause radio interference. In this case, it may be necessary for the user to take practical measures against the interference.
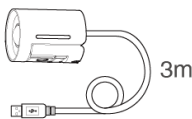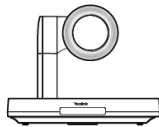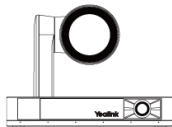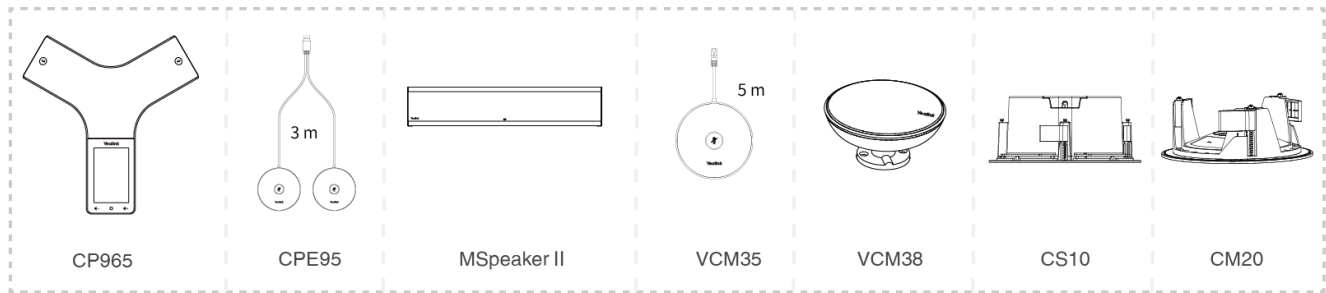
Optional Accessories
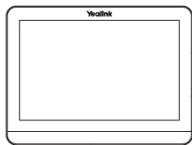
CTP18	VCH51	UVC30-Room	UVC84	UVC86
		3m		

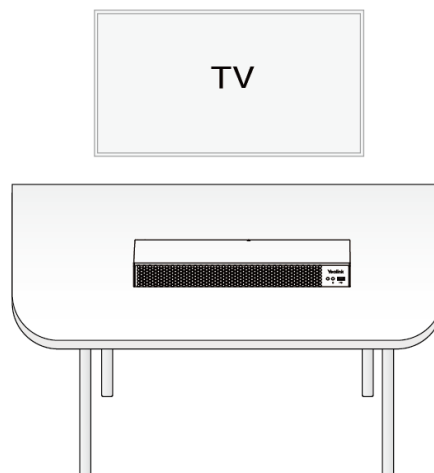|						
CP965	CPE95	MSpeaker II	VCM35	VCM38	CS10	CM20

Installation
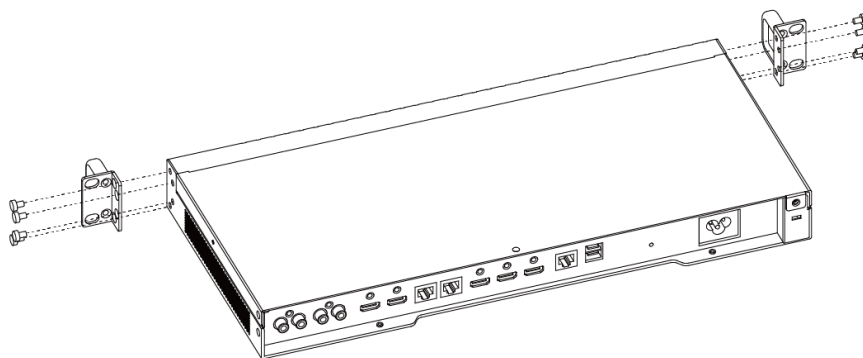
Put on the Desk

TV

Mount in a Rack

> ⓘ **NOTE**
> The rack in which the MeetingEye 500 Pro will be placed must be a 19-inch Rack compliant with IEC 60297.

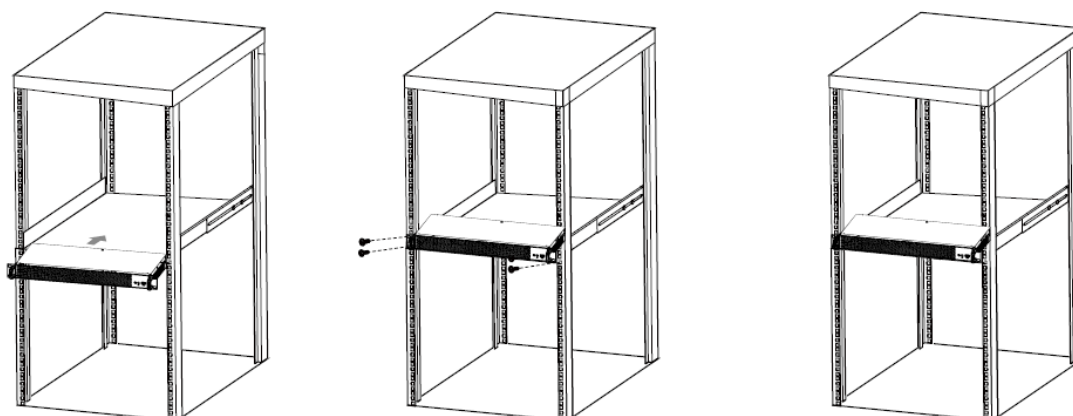1. Install the mounting ears to the sides of the MeetingEye 500 Pro.

> ⓘ **NOTE**
> Tighten the ear lock, we recommend that locking torque is greater than 6kgf.cm.
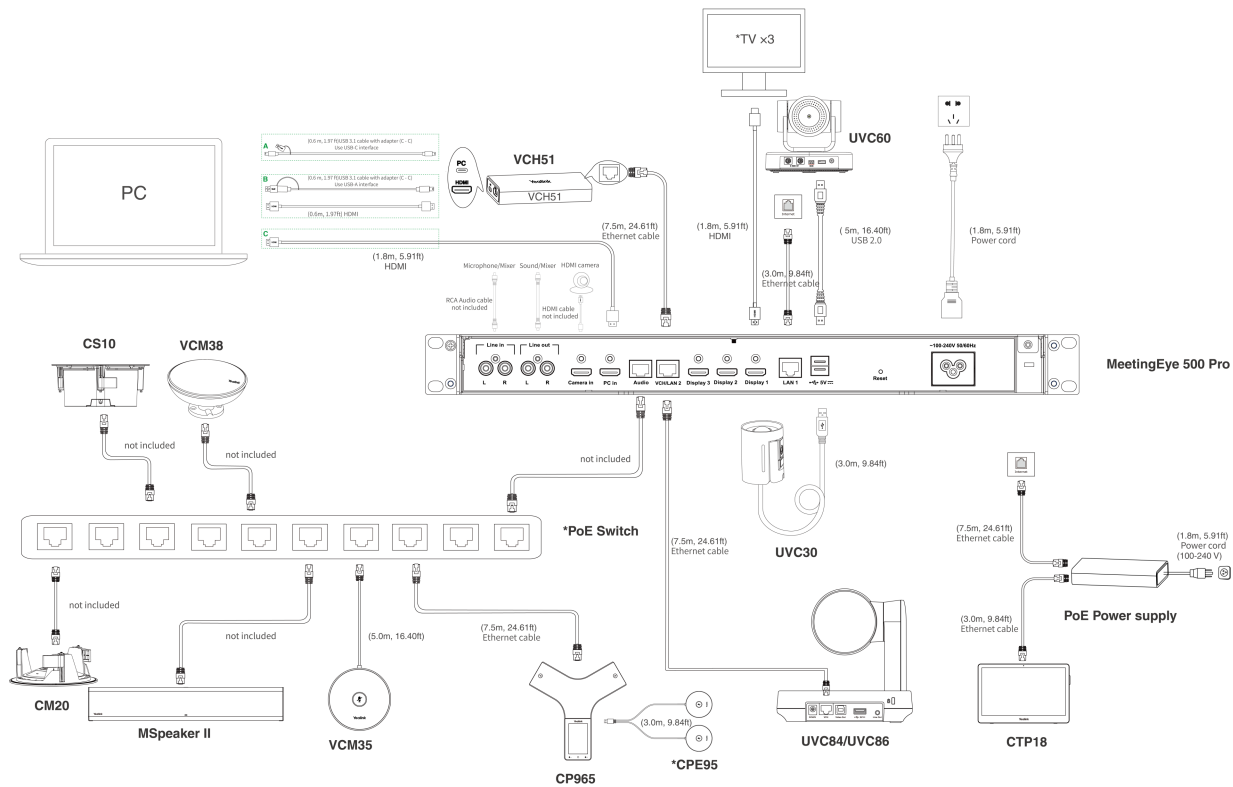
2. Push the MeetingEye 500 Pro into the rack, and then fix it to the rack with screws.

> ⓘ **NOTE**
> Package Contents do not include standard rack screws.

Connections

> **ⓘ NOTE**
> - Use the Yealink original power adapter (~100-240V 50/60Hz) to charge the endpoint only. The use of the third-party power adapter may cause the damage. If you find any cable damage during use, please replace it immediately.
> - When connecting a PoE switch to a Yealink CM20 or CS10, the switch needs to disable the EEE (Energy Efficient Ethernet) feature.
> - CPE95 only supports use with CP965.

Supported Accessories

For the compatible devices and the maximum number of compatible devices, please refer to Zoom Rooms Accessories Compatibility Lists.