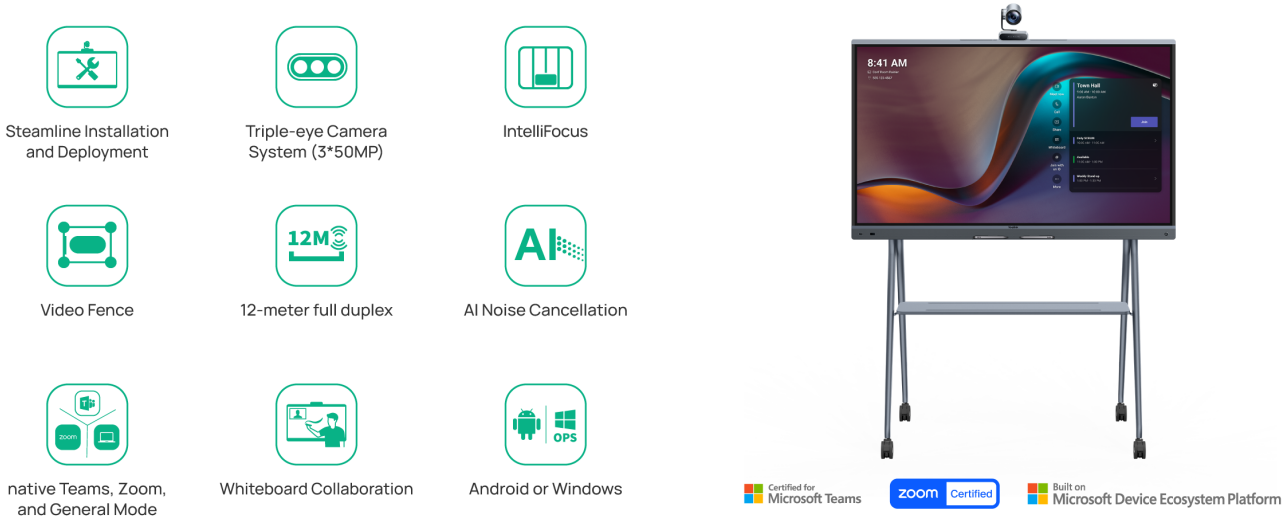
Yealink MeetingBoard Pro Datasheet

All-in-one and Interactive Meeting Device

Yealink MeetingBoard Pro is the latest all-in-one meeting device with 3 sizes (65'', 75'', and 86'') designed for small to large rooms. This intelligent meeting device integrates video conferencing, HD wireless content sharing, and an electronic whiteboard, supporting up to 4K video call quality. Its all-in-one design and flexible mounting options offer easy installation and are perfect for seamless video conferencing. This product delivers cutting-edge audio and video communication capabilities, powered by advanced AI technology, ensuring crystal-clear sound and ultra-HD visuals. With intelligent full-duplex, IntelliFocus, and video fence, it redefines the video conferencing experience, bringing unparalleled clarity and efficiency to every meeting. The MeetingBoard Pro also supports native Teams and Zoom and is certified by both platforms.



Key Features

- Streamline Installation and Deployment
- Triple-eye Camera System (3*50MP)
- AI-Powered View: IntelliFocus, Video Fence
- Pro Sound: 12-meter full duplex (39 feet), noise cancellation, and noise reverberation
- Support native Teams, Zoom, and General Mode (BYOM)
- Dual-Solution (MTRA/MTRW)
- Support whiteboard collaboration

All-In-One Design, Streamline Installation and Deployment

Yealink MeetingBoard Pro, with its all-in-one design and versatile mounting options (wall-mounted or floor-stand), offers simplified installation and deployment, making it the perfect choice for seamless video

conferencing. The uncluttered design and simple deployment take only 12 minutes to set. At the same time, as the MeetingBoard Pro integrates the functions of meeting, display, and whiteboard, users only need to manage a single device, significantly reducing management complexity.

Built-in Triple-eye Camera with 50MP, Providing "Face-to-Face" Meetings

The MeetingBoard Pro has a built-in triple-camera system, each with 50MP resolution—one for wide-angle (1/1.56 Sony Sensor) and two for telephoto (1/2 Sony Sensor), ensuring high-resolution imaging across different focal lengths. The professional-grade lens delivers low grain, natural colors, and HD image quality. The IWB features a built-in automatic physical privacy shutter that blocks the camera when not in use, ensuring privacy protection for users. It also supports the external PTZ camera (MB-12X Pro) with optical zoom for long-distance tracking and 4K lossless zoom for close-ups.

Powerful Camera AI Tracking, Immersive Meeting Experience

With a dedicated AI video processor, MeetingBoard Pro supports auto framing, speaker tracking, Picture-in-Picture (PIP)*, IntelliFocus, video fence, and audio fence. All camera AI features are seamless, with fast tracking, ensuring a smooth overall meeting experience. IntelliFocus displays close-ups of the last active speakers separately, and also provides a panoramic view of all participants at the bottom of the screen, allowing more participants to appear on the screen and engage fully with the other party, thereby making the meeting more realistic. The Video Fence feature enables users to create virtual meeting spaces in semi-open environments, preventing non-participants from being mistakenly tracked.

Powerful AI Enhanced Audio, Enhanced Pro Sound

The built-in array of 16 microphones and stereo speakers with a dedicated AI audio processing chip ensures excellent sound pickup, noise cancellation, and reverberation. With powerful computational capabilities, it creates a groundbreaking experience. It supports 12-meter full-duplex calls covering every corner of the conference room. Intelligent noise cancellation (e.g., keyboard typing, door opening/closing, chair dragging), and noise reverberation (especially in rooms with glass walls), help reduce distractions and keep communication focused. MeetingBoard Pro also supports external microphones, including desktop microphones (wired and wireless) and ceiling microphones for extended pickup range, covering larger areas.

Intelligent Whiteboard, Ultra-Low Latency Writing, Sparking Team Creativity

It supports dual-person simultaneous writing and also supports one writing, and the other erases, without interfering with each other, significantly improving meeting efficiency. Palm rejection ensures clean, clear content. With the four-level stylus, users can experience fluid writing, pen tips for writing, and pen tails for erasing and simulating a paper-like experience. It also supports gesture controls for drawing and palm erasing. Intelligent charts, shapes, image insertions, and sticky notes make discussions more dynamic.

Open Ecosystem, Flexible Conferencing on Multiple Platforms

Supports certifications from leading domestic and international video conferencing platforms, such as Teams, Zoom, etc. (listed alphabetically). It also offers a USB peripheral mode (BYOD) that allows the device to function as an external display and audio device for your computer, enabling larger-screen conferencing experiences. It supports the OPS module by providing a Windows system and meeting professional application needs in some sectors, such as education and manufacturing.

Supports Yealink Room Accessories for Various Meeting Room Sizes

Supports wireless (or wired) expansion microphones, external PTZ cameras (MB-12X Pro), touch panels, movable stands, and 4K wireless presentation pods, providing a complete meeting room solution for different

meeting needs.

Technical Specifications

Technical Parameter	Description
System Overview	• Operating System: Android 13.0 • Storage - Memory: 8GB - Flash: 64GB • CPU: 4 cores at 2.2GHz + 4 cores at 2.0GHz • AI Computing Power: 13.2T FLOPS
Display	• Size: - MeetingBoard 65 Pro: 65 inch - MeetingBoard 75 Pro: 75 inch - MeetingBoard 86 Pro: 86 inch • Anti-glare panel • Resolution: 3840 x 2160 • Color Gamut: 72% NTSC/99% sRGB • Color Depth: 1.07G (10 bit) • Contrast Ratio: 1200:1 • Brightness: 400 cd/㎡ • Refresh Rate: 60 Hz • Viewing Angle: 178°(H)/178°(V) • System wake-up: Motion sensor
Touch	• Touch Technology: Infrared • Touch Height: 1.5 mm • Touch Accuracy: ±1 mm • Touch Points: 20 points • Touch latency: 21 ms（Measured under yealink whiteboard） • Four-level stylus
Camera	• Max Resolution: Built-in triple 50MP camera • Image Sensor: Sony Sensor X3 • Viewing angle: Wide-angle HFOV 98.2°

	• PTZ type: Electronic pan-tilt • Zoom/Digital zoom: 8 × digital zoom • Max resolution: 3840 x 2160 • Max frame rate: 60Hz • Video output resolution: 3840 x 2160 • Autofocus: Supported • Wide dynamic range: Supported • High dynamic range imaging: Supported • Exposure: Auto • White balance: Auto/Manual/ATW • Number of presets: 9 • Privacy shutter: Electric privacy shutter • Swappable optical zoom camera module: - MB-12X Pro: - 8MP, Sony image sensor - 12x optical zoom - Lens angle: HFOV 90° - Horizontal rotation: ±100° - Vertical rotation: 0°/-90° • AI Smart Framing: - Auto framing - Speaker tracking - Picture-in-picture (PIP) - IntelliFocus - Video fence
Speakers	• Speakers: Stereo Speakers • Frequency response: 90~20KHz • Sensitivity: 87±3 dB SPL@0.5m, 1W • Sampling rate: 48KHz • Expansion output: Supports RCA output • THD (Total Harmonic Distortion): at 20W, 1KHz, <5% • Rated impedance: tweeter-4ohm，full-range speaker-8ohm • Rated power: 30W • Max power: 36W

Microphones	• Built-in 16 MEMS microphone array • Pickup distance: 12 meters full-duplex • Signal-to-noise ratio: 70dB@1KHz • Max sound pressure level: 130dB SPL • Equivalent noise level: 24dB SPL • Dynamic range: 24-130dB SPL • Sensitivity: -38±1dBV/Pa • Frequency response: 20Hz~20KHz • Sampling rate: 48KHz • Bit depth: 24-bit • Expansion input: supports RCA input
Video Resolution	• Lens resolution: supports up to 4K30fps • Content sharing: supports up to 4K60fps (HDMI In) locally, and up to 4K15fps in meetings
Content Sharing	• Wired screen sharing: - HDMI In - VCH51 • Wireless screen sharing - AirPlay - Miracast - Wireless Presentation Pod (unavailable in the United States)
Audio Codec and Technology	• Yealink AI Audio 2.1 • Multi-channel echo cancellation processing • Noise suppression technology • Multi-channel reverberation cancellation technology • Multi-channel acoustic echo cancellation • Lip sync detection • Automatic gain control • Far-field full-duplex pickup technology • Beamforming directional pickup technology • CNG/PLC/AJB/De-Reverb
Video Codec and	Video codecs: H.264 SVC, H.264 High Profile, H.264,

Technology	
Network Protocols	• Wi-Fi 6 - 2.4G & 5G dual-band, 802.11a/b/g/n/ac/ax - 2x2 MIMO • Bluetooth 5.1 • TCP/IP (IPv4/IPv6), DHCP/Static IP • HTTPS secure web access
Security	• Encryption protocols: supports H.235/TLS/signaling encryption • Encryption algorithms: supports SRTP media stream encryption and AES-256 encryption • Security mechanisms: supports VLAN, 802.1P/Q, Diffserv, and other QoS services • Security protocols: supports 802.1X, LLDP-MED, and other network security protocols • Web security: supports HTTPS web security management • Secure connection: supports OpenVPN • Other security mechanisms: - Built-in security encryption certificate - Supports protection against network and protocol attacks - Supports meeting password to ensure meeting security - Supports meeting whitelist and blacklist
Configuration Management	• Configuration methods: Web/Device/Touch screen • Debugging interface: RJ45/USB 2.0 • Upgrade methods: Web/TAC/ZDM/USB • Device management: Yealink Management Cloud Service (YMCS), Microsoft Teams Admin Center (TAC), MTR Portal Management Platform (PMP), Zoom Device Platform (ZDM) • Batch deployment tool: supported • SNMP protocol: supported
Hardware Description	• Power switch (with power status indicator light) • Reset button • 1 LED MUTE light • Human motion sensor (for automatic device wake-up)
Installation	• Wall-mounted installation

Methods	• Wall-stand installation • Floor-stand installation
Hardware Interfaces	• Display output interface: 1 x HDMI output interface (supports CEC) • Content input interface: 1 x HDMI input interface • Line input interface: 1 pair of RCA line inputs • Line output interface: 1 pair of RCA line outputs • 3 x USB-A 2.0 interfaces • 2 x 10/100/1000Mbps adaptive network ports • 2 x RJ45 VCH custom interfaces, for wired expansion microphones/wired sharing box, etc. • 1 x Windows OPS slot • 1 x AC power interface • 1 x USB-B touch output interface • 1 x Pluggable camera module interface (on the top)
Packaging	• 1 x MeetingBoard Pro • 1 x Cable pack - 1 x 3m AC power cable - 1 x 3m CAT5E network cable - 4 x Stylus pens - 3 x Cable ties - 1 x Quick Start Guide Note: MB-WallMount is sold separately and is not standard.
Environmental Factors	• Operating humidity: 5~95% • Operating temperature: 0~40° C • Storage temperature: -20~60° C
Power Supply	• Power Consumption - MeetingBoard 65 Pro - Max: 243W - Typical: 141W - MeetingBoard 75 Pro - Max: 277W - Typical: 164W - MeetingBoard 86 Pro

	- Max: 357W - Typical: 199W • Power adapter: 100-240V~50/60Hz • USB output: 5V~0.5A
Optional Accessories	• Mounting Accessories: - Wall Mount - MB-WallMount-650: for 65 inch - MB-WallMount-860: for 75 inch & 86 inch - Wall Stand - MB-WallStand-650W: for 65 inch - MB-WallStand-860W: for 75 inch & 86 inch - Floor Stand - MB-FS-P650T: for 65 inch - MB-FS-P750T: for 75 inch - MB-FS-P860T: for 86 inch - MB-FS-Lift: for 65 inch, 75 inch & 86 inch • Audio Accessories: - Wired microphone: VCM35 - Wireless microphone: VCM36-W - Ceiling speaker: CS10 - Celling microphone: CM20 • Casting Accessories: - Wireless presentation pod (unavailable in the United States) - Wired sharing box: VCH51 • Camera Accessories: - Pluggable optical zoom camera module MB-12X Pro - Video conferencing camera UVC86 • Controller: - Touch panel CTP25 - Remote controller MB-Remote • Windows OPS Module: - MCore-OPS - MCore-OPS-T*: Teams Certified

Device Dimensions and Weight

	MeetingBoard 65 Pro	MeetingBoard 75 Pro	MeetingBoard 86 Pro
Packaging dimensions (W × D × H)	1660 x 220 x 1045 mm	1900 x 225 x 1160 mm	2095 x 225 x 1310 mm
Bare device dimensions(W × D × H)	1484 x 105 x 955 mm	1705 x 105 x 1081 mm	1951 x 105 x 1218 mm
With stand dimensions(W × D × H)	1484 x 778 x 1887 mm	1705 x 858 x 1960 mm	1950 x 858 x 2058 mm
VESA hole specs	600 x 400 mm	800 x 400 mm	800 x 600 mm
Gross weight	50 kg (110.2 lbs)	65 kg (143.3 lbs)	83.2 kg (183.02 lbs)
Net weight	40 kg (88.2 lbs)	52.2 kg (115.74lbs)	65.6 kg (144.7 lbs)
Quantity	1 unit/box	1 unit/box	1 unit/box

Mobile Stand Dimensions and Weight

	65-inch mobile stand (with tray): MB-FS-P650T	75-inch mobile stand (with tray): MB-FS-P750T	86-inch mobile stand (with tray): MB-FS-P860T
Stand dimensions(W × D × H)	1154 x 795 x 1034 mm	1371 × 850 × 994 mm	1418 x 858 x 954 mm
Packaging dimensions(W × D × H)	1145 x 840 x 173 mm	1170 × 935 × 175 mm	1448 x 935 x 173 mm
Tray dimensions(W × D)	1062 x 285 mm	1293 x 325 mm	1346 x 365 mm
Tray load limit	5kg (11 lbs)	5kg (11 lbs)	5kg (11 lbs)
Gross weight	23.6 kg (52 lbs)	22.41 kg (49.4 lbs)	29.2 kg (64.4 lbs)
Net weight	19.8 kg (43.6 lbs)	17.36 kg (38.3 lbs)	23.8 kg (52.5 lbs)

Picture-in-Picture*: In the Picture-in-Picture (PIP) Mode, it can realize the superimposed display of the

speaker's close-up and the conference room's panoramic picture. The main window shows the view in the speaker tracking mode, and the small window shows the Auto Framing mode. When no one speaks, the window returns to the panoramic view.