MB86PRO-A02

Yealink MeetingBoard86 Pro includes 1x 86 inch All-in-One Collaboration Display

Product Overview

Yealink MeetingBoard86 Pro includes 1x 86 inch All-in-One Collaboration Display, Power Adapter, excluding Wall Mount, Infrared Touch Technology, 20 points Touch points, Built-In Triple 50MP camera, Electronic Pan-Tilt PTZ Type, 3840x2160 Max Resolution, Built-In 16 MEMS Microphone Array, 12 meters Full-Duplex pickup distance, Wi-Fi 6, Bluetooth 5.1, Android 13.0 Operating System, 3840x2160 Resolution Display, Anti-Glare panel, 3840x2160 Resolution, 72% NTSC / 99% sRGB Colour Gamut, 1200:1 contrast ratio, 400 nits brightness, 60Hz Refresh Rate, 178 degree viewing angle, Motion Sensor system wake-up



Specifications

Overview Summary:

Yealink MeetingBoard 86 Pro is a high-end all-in-one collaboration display designed to elevate business meetings and enhance team collaboration. With a sleek 86-inch display and built-in AI-powered camera system, this interactive meeting device offers crystal-clear 4K video conferencing, intelligent whiteboard features, and wireless content sharing. Certified for Microsoft Teams and Zoom, it's the perfect solution for businesses seeking seamless integration, high-quality audio and video, and user-friendly collaboration tools. The advanced 50MP camera system, 16-microphone array, and 4K display ensure that every meeting is a productive, engaging experience. Perfect for small and large conference rooms, it allows for flexible setups and easy installation. Buy now and transform your meeting experience.

Performance tier: Pro

Uses: Video conferencing, team collaboration, interactive whiteboard sessions, presentations, business meetings

Overview:

Yealink MeetingBoard Pro: All-in-One Interactive Meeting Device
Yealink's MeetingBoard Pro is an advanced, all-in-one interactive meeting solution designed to enhance the productivity and efficiency of meetings in small to large conference rooms. Available in three sizes-65", 75", and 86"-it integrates a 4K video conferencing system, a high-definition electronic whiteboard, and wireless content sharing capabilities. Whether you're using Microsoft Teams, Zoom, or a Bring Your Own Meeting (BYOM) setup, the MeetingBoard Pro offers seamless integration with your preferred video conferencing platform. Its powerful AI-driven technology ensures crystal-clear sound and ultra-HD video

quality, taking your virtual meetings to the next level.

Product Summary
The Yealink MeetingBoard Pro combines cutting-edge features into one user-friendly device. It is designed to provide an immersive video conferencing experience, powered by advanced AI tools such as IntelliFocus, auto framing, and video fence technology. The built-in 50MP triple-camera system, along with its 16-microphone array, ensures superior visual and audio quality for all participants. With its intelligent whiteboard capabilities, ultra-low latency writing, and intuitive gesture controls, it enables enhanced collaboration. Certified for both Teams and Zoom, the MeetingBoard Pro offers flexibility, simple installation, and versatile mounting options for any meeting space.

Features:

Key Benefits of the Yealink MeetingBoard Pro

- All-in-One Design:Simplifies installation and deployment, reducing meeting room clutter and management complexity.
- AI-Powered Video & Audio:Ensures high-quality imaging with auto framing, speaker tracking, and noise-canceling features.
- Built-in Triple Camera System:Offers 50MP resolution across multiple lenses for wide-angle and telephoto views, supporting full HD visuals.
- Intelligent Whiteboard Functionality:Supports dual-person simultaneous writing, palm rejection, and smooth, fluid drawing for dynamic meetings.
- Broad Compatibility:Supports native Teams and Zoom integrations, along with BYOM and external devices like PTZ cameras and microphones for expanded functionality.

Streamlined Setup and Flexible Mounting
The Yealink MeetingBoard Pro's all-in-one design is built for quick installation and easy deployment, allowing you to set up the device in under 12 minutes. Whether wall-mounted or floor-stand installed, the system supports various room sizes and configurations. By integrating video conferencing, display, and whiteboard functionalities into a single device, it eliminates the need for multiple equipment, simplifying management and saving valuable space.

Advanced Camera Technology for Immersive Meetings
Equipped with a triple-camera system, the MeetingBoard Pro provides high-resolution imaging with a combination of wide-angle and telephoto lenses, ensuring that all participants are captured clearly. The built-in 50MP camera system offers professional-grade imaging with natural colors and low grain. The integrated automatic privacy shutter ensures security when the camera is not in use. Additionally, the device supports the optional MB-12X Pro PTZ camera, offering optical zoom for closer shots and 4K lossless zoom for detailed close-ups during long-distance tracking.

AI-Powered Video and Audio Enhancements
The Yealink MeetingBoard Pro leverages AI technology to deliver seamless and intelligent video and audio experiences. With features like auto framing, IntelliFocus, and video fence, the system ensures that every participant is clearly visible and focused, enhancing collaboration. IntelliFocus automatically zooms in on active speakers while keeping the rest of the participants in a panoramic view, making the meeting feel more engaging and realistic. The AI-powered 16-microphone array and stereo speakers deliver crystal-clear sound across a 12-meter (39 feet) range, while advanced noise cancellation and reverberation reduction minimize distractions during discussions.

Intelligent Whiteboard for Enhanced Collaboration
With its intuitive whiteboard functionality, the Yealink MeetingBoard Pro is designed to boost team creativity and collaboration. The device allows for dual-person simultaneous writing, with palm rejection to ensure clean, legible content. Its four-level stylus provides a smooth, paper-like writing experience, with different modes for writing and erasing. Gesture controls and the ability to insert images, shapes, charts, and sticky notes make brainstorming sessions more dynamic and productive.

Comprehensive Conferencing Platform Compatibility
Certified for Microsoft Teams and Zoom, the Yealink MeetingBoard Pro supports a wide range of video conferencing platforms, ensuring compatibility with your existing systems. In addition, the BYOM (Bring Your Own Meeting) mode enables the device

to function as an external display and audio system, offering a more immersive conferencing experience when connected to your computer. The device also supports OPS modules, enabling Windows-based applications for specialized sectors such as education and manufacturing.

Customizable for Different Meeting Room Needs
The Yealink MeetingBoard Pro can be tailored to meet the specific needs of any meeting space. It supports various accessories like wireless and wired microphones, external PTZ cameras, movable stands, and 4K wireless presentation pods, offering a complete solution for both small and large meeting rooms. These accessories ensure a flexible, high-quality meeting experience, no matter the room size.

Conclusion
The Yealink MeetingBoard Pro is the ultimate all-in-one solution for businesses seeking to elevate their meeting experiences. With AI-driven video and audio technology, seamless integration with leading video conferencing platforms, and powerful collaboration tools, it offers unparalleled performance for virtual meetings, presentations, and brainstorming sessions. Whether you're hosting a small team discussion or a large corporate meeting, the MeetingBoard Pro ensures that every meeting is smooth, productive, and engaging.

Specifications:

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Specifications	
Product Code	MB86PRO-A02
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 (10bit)
	Contrast Ratio: 1200:1
	Brightness: 400 cd/²
	Refresh Rate: 60 Hz
	Viewing Angle: 178degrees(H)/178degrees(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 DFOV 110degrees HFOV 98.2degrees VFOV 66degrees
	PTZ type: Electronic pan-tilt
	Zoom/Digital zoom: 16X hybrid zoom by triple-camera system
	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: DFOV 90degrees, HFOV 80degrees, VFOV 49degrees
	- Horizontal rotation: +/-100degrees
	- Vertical rotation: 0degrees/-90degrees
	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,
	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 Technology	Video codecs: H.264 SVC, H.264 High Profile, H.264
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 Methods	Wall-mounted installation
	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 not standard.
Environmental Factors	Operating humidity: 5~95%
	Operating temperature: 0~40degrees C
	Storage temperature: -20~60degrees 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

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MB86PRO-A02-Yealink-MeetingBoard86-Pro-includes-1x-86-inch-All-in-One-Collaboration-p-332031.php

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