



TB6X 4K AI VideoBar

TB6X is a next-generation VideoBar engineered for seamless video collaboration in medium to large rooms. It features a 4K AI-powered camera with face tracking and speaker tracking capabilities, along with 3x optical zoom, 5x digital zoom, and a wide 120° viewing angle to ensure all participants are captured clearly. Equipped with a built-in 6-microphone array and support for up to 4 wireless extension mics, it enables clear voice pickup within a 10-meter range. The high-fidelity speakers, combined with smart DSP audio processing, deliver advanced acoustic echo cancellation, automatic noise suppression, and gain control. TB6X is the ideal all-in-one audio-visual solution for professional-grade video conferences in medium to large meeting spaces.



4K

4K camera

120°

120° View angle



3x optical zoom/
5x digital zoom



AI face tracking



AI speaker following



Lens Cover



Microphone array



Hi-Fi Speaker



Noise Reduction



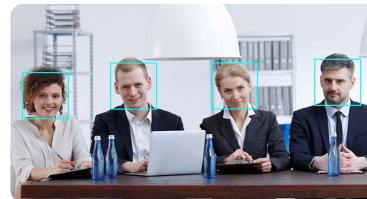
Extension Microphone
(Optional)

Product Highlights



4K Camera

The 120° ultra-wide angle camera of the TB6X is able to capture all meeting participants in its field of view. Additionally, the high pixel count of the TB6X helps to ensure that every expression of people within 16' of the camera is captured and seen.



AI Face Tracking

TB6X has a brand new AI intelligent zoom and tracking feature, which allows the camera to automatically zoom in and out, as well as pan, to keep the subject of your shot in the center of the frame. This provides an even greater boost to your communication efficiency.



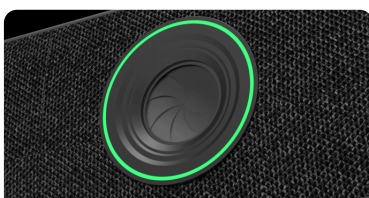
AI Speaker Tracking

Built-in intelligent analysis algorithm, it will track speaker's voice in real time to frame and keep the speaker at the center of the screen. It will break the distance limitation and make us feel immersive to create a face to face experience.



Hi-Fi Speaker

By delivering audio to the far ends of the room, the loudspeaker, combined with the renowned audio processing technology integrated into the TB6X, enables a natural conversational workflow between participants.



Privacy Cover Auto On/Off

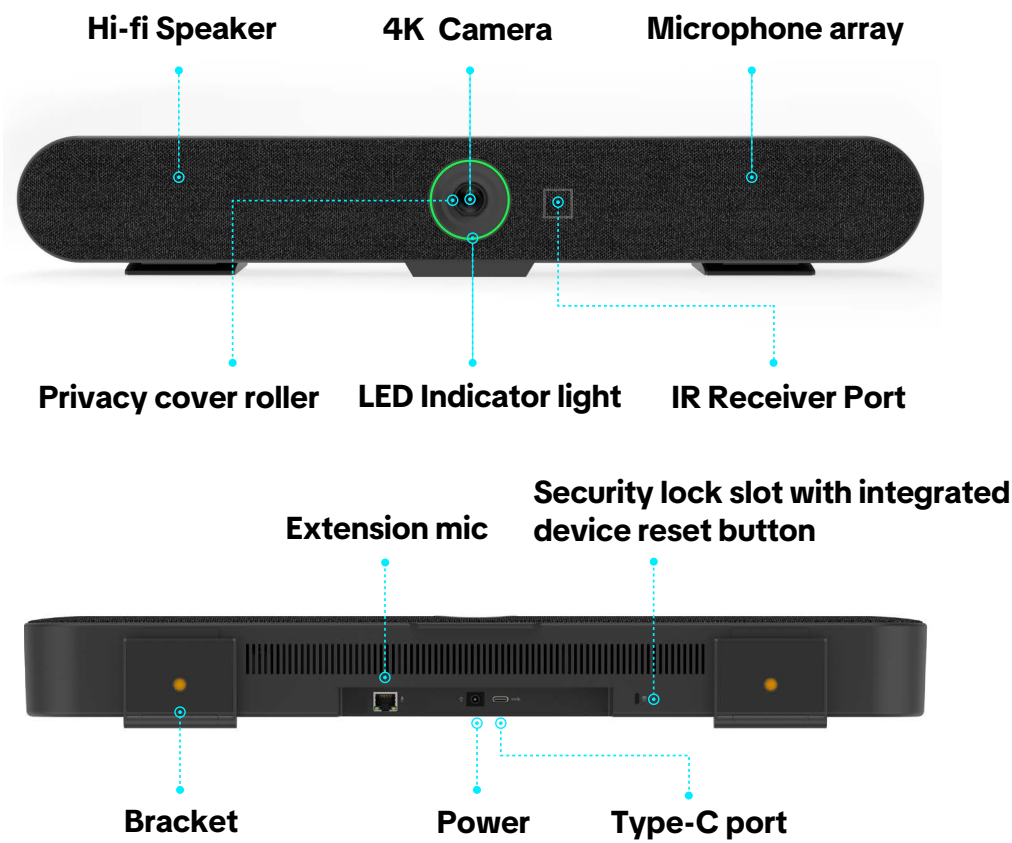
TB6X features an automatic lens privacy cover that opens and closes automatically to protect your privacy.



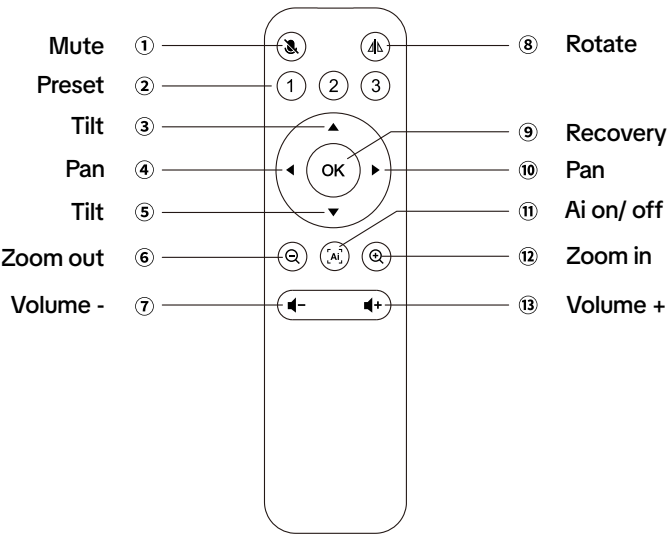
Microphone array

TB6X built-in 6 pickup microphones with 4 wireless microphones for voice pick-up range up to 10 meters, Make clear and smooth video calls without installing a microphone.

Product Details



Camera Remote Control



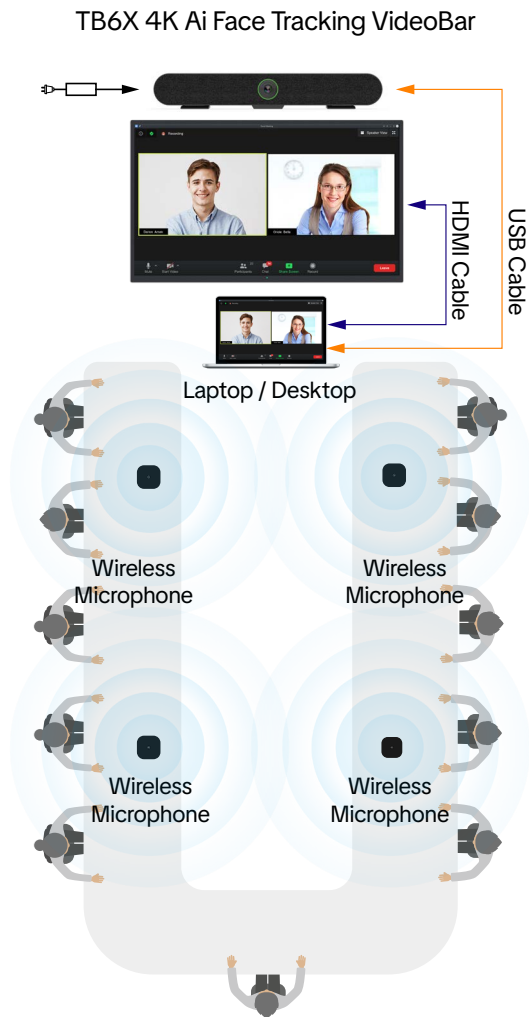
Product appearance



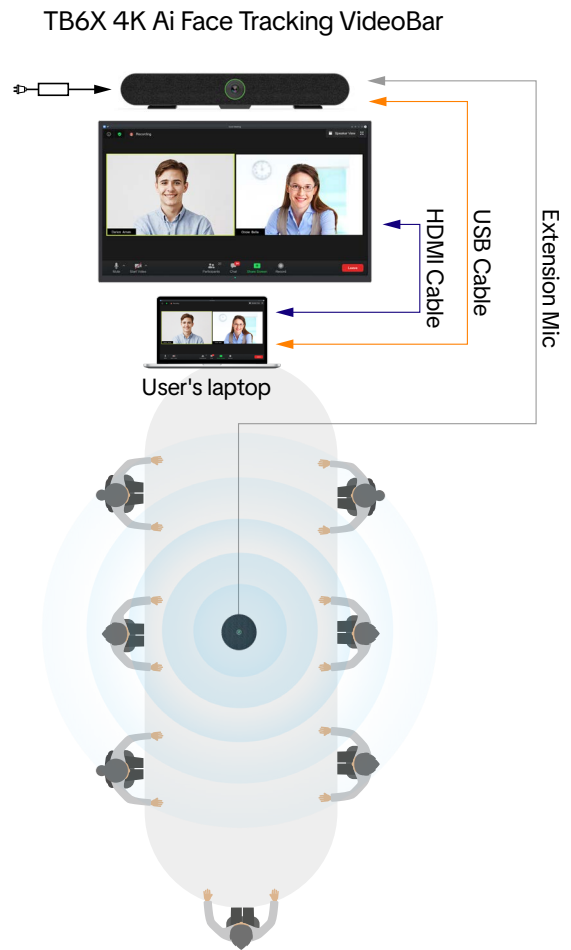
White



Black



Wireless extension microphone mode



Wired extension microphone mode

4 Wireless Extension Microphone **Optional**



- Microphone: 4 omnidirectional microphones
- Mic pickup: 360° omnidirectional pickup
- Pickup range: 5-meter pickup radius
- Button: Mute button
- Indicator light: Mute - red
- Standby and call - green
- Terminal dimensions: 100 x 100 x 25mm
- Usage scenarios: Medium to large meeting rooms

1 Wired Extension Microphone **Optional**



- Microphone: 3 omnidirectional microphone
- Mic pickup: 360° omnidirectional pickup
- Pickup range: 3-meter pickup radius
- Cable length: 5 meters
- Power on: Plug and play
- Button: 1 mute button
- Indicator light: Mute - red
- Standby and call - green
- Terminal dimensions: 122 x 122 x 30mm
- Usage scenarios: Small-medium meeting rooms

Specifications

Camera

- Camera: Dual built-in lenses (4K zoom main camera + panoramic wide-angle lens)
- Image Sensor: 1/2.8-inch CMOS
- Effective Pixels: 8 Megapixels
- Max Video Resolution: 3840×2160 (4K)
- Frame Rate: 30fps at 4K
- Aperture: F2.0; Auto-adjustable aperture, brightness and contrast
- Zoom: 3x optical zoom, 5x digital zoom; Full-range AF auto focus
- Field of View (Wide end f=2.38mm): Diagonal 120°, Horizontal 110°, Vertical 68°
- Minimum Focus Distance: 15cm
- Minimum Illumination: 0.1lux, peak highlight adaptation up to 1000lux
- Auto exposure, auto white balance and auto shutter speed
- Wide Dynamic Range (WDR) supported
- UVC Protocol compliant
- Physical auto privacy shutter
- Automatic lens calibration supported
- Preset Positions: Up to 3
- AI Functions:
 - AI face tracking
 - Gallery view
 - AI speaker following

Hardware Interfaces

- 1 × USB 2.0 Type-C Port
- 1 × External Microphone Port
- 1 × Power Input Port
- 1 × Security Lock Slot with integrated reset button inside

Speaker

- Rated Power: 10W
- Peak Power / Maximum Output Power: 20W
- Impedance: 4Ω
- Frequency Response: 20Hz~20kHz
- Sensitivity: 90dB (1W/1m)
- Maximum Peak Sound Pressure Level: 103dB
- Audio Channel: 1 Set (Stereo, Single Speaker with Built-in L/R Dual Voice Coils)

Microphone

- Microphone Array: 6 omnidirectional microphones
- Pickup Distance: Effective pickup distance up to 10 meters
- Multi-microphone array with beamforming directional sound pickup and full-area audio coverage.
- Signal-to-Noise Ratio (SNR): 72dB
- Sensitivity: -26dBFS (1Pa, 1kHz)
- Maximum Sound Pressure Level: 120dB SPL
- Frequency Response: 20Hz ~ 24kHz
- Single Microphone Dimension: φ9.7 × 3.0mm

System Compatibility

- Compatible Software: Supports mainstream domestic and overseas meeting applications including Tencent Meeting Rooms, DingTalk, Feishu, Zoom, Microsoft Teams, Webex, etc.
- Compatible Operating Systems: Windows 10/11, macOS 10.10 and above

Main Unit Basic Specifications

- Dimensions (W × H × D): 602mm × 94mm × 67mm
- Net Weight: 1606g
- Warranty: 1-year full unit warranty

Packaging Specifications

- Dimensions (W × H × D): 700mm × 198mm × 185mm
- Net Weight: 2900g
- Quantity per Carton: 4 units
- Outer Carton Dimensions: 721mm × 426mm × 406mm
- Gross Weight per Carton: 13kg

Packing List

- 1 x TB6X 4K VideoBar
- 1 x Camera Remote Control
- 1 x AC Adapter
- 1 x USB Cable
- 4 x Wireless Microphone(Optional)
- 1 x Wired Microphone(Optional)
- 1 x Charging Dock
- 1 x Quick Installation Guide

For order and product related inquiries, please contact the sales team at: (Email: sales@wedoinnov.com).

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(Note: The translation maintains the original meaning while adapting to standard legal and business English conventions.)