

# All-in-One 4K UHD USB MeetingBar

## JT-A50



### Product Introduction

JT-A50 is an all-in-one USB smart video meeting bar that brings camera, microphone, and holder together, and can realize 4K UHD display and 120° horizontal angle of view. It integrates core technologies such as voice engine and excellent compatibility with numerous cloud conference platforms. This product is specially designed for a modern workspace, bringing you an excellent conferencing experience at an affordable price.

## Product Features

- **Simple and Trendy All-in-One Integration**

Integrated terminal design, bringing codec, HD camera, multi-MEMS microphone array, and holder together.

- **Stable HD Display with an Ultra-Wide Angel of View**

The 120° wide-angle lens and 4K UHD video display work together to easily capture panoramic views and extraordinary moments, making it easy for everyone to participate in the conference.

- **Strong Pickup Effect for Clear and Pure Sounds**

A maximum pick-up distance of eight meters with multi-MEMS microphone array, dereverberation, double talk, and 3A algorithms (AEC, AGC, and ANR), effectively reducing noise and making the sound quality clearer and more stable.

- **Dynamic Picture with Facial Recognition Technology**

AI core algorithms, such as facial recognition and digital pan-tilt control, are adopted. The picture can be dynamically adjusted to the best position according to the number of participants and position changes.

- **Excellent Platform Compatibility and Easy Operation**

ROMTOK BN 1000 can work with numerous mainstream cloud video conference platforms. Coupled with simple operations, it allows you to easily hold or participate in video conferences.

- **Plug and Play with Simple Installation**

It can be placed on the desk or installed on any compatible wall or TV mounts. Just connect the USB cable to the PC to easily create/join a conference.

## Technical Specifications

Technical Specifications	Parameters	
What's in the box	<ul style="list-style-type: none"> <li>• ROMTOK BN1000x1</li> <li>• AC power cable x 1</li> <li>• Power adapter x 1</li> <li>• Desktop stand x 1 (Installed)</li> </ul>	<ul style="list-style-type: none"> <li>• Hinge x 1 (Installed)</li> <li>• Instruction manual/Warranty card x 1</li> <li>• Type-C cable x 1</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• Built-in 6 MEMS microphone array</li> <li>• Symmetrical speakers</li> <li>• Hardware-accelerated audio processing</li> <li>• Acoustic echo cancellation (AEC)</li> </ul>	<ul style="list-style-type: none"> <li>• Noise suppression (NS)</li> <li>• Automatic gain control (AGC)</li> <li>• Dereverberation (DER)</li> </ul>
Video	<ul style="list-style-type: none"> <li>• 4K 8MP UHD lens</li> <li>• 120° horizontal angel of view</li> <li>• Automatic people framing</li> <li>• Hardware-accelerated video encoding/decoding</li> </ul>	<ul style="list-style-type: none"> <li>• Distortion/deformation correction</li> <li>• Automatic color balance and correction</li> <li>• Portrait resolution: Up to 1080p/30fps</li> <li>• Video content resolution: 720p/60fps, 1080p/30fps</li> </ul>
I/O	<ul style="list-style-type: none"> <li>• USB-A(3.0) x 1</li> <li>• USB-C x 1</li> </ul>	<ul style="list-style-type: none"> <li>• Power port x 1</li> <li>• Reset slot x 1</li> </ul>
Voltage and environmental requirements	<ul style="list-style-type: none"> <li>• Power adapter: AC 100- 240 V</li> <li>• Operating temperature: 32° - 104°F (0° - 40°C)</li> <li>• Storage temperature: 5° - 149°F (-15° - 65°C)</li> <li>• Working humidity (no condensation): 20% - 80%</li> </ul>	<ul style="list-style-type: none"> <li>• Package dimensions: 610mm x 140mmx 170mm</li> <li>• Product dimensions: 530mm x 86mm x 80mm</li> <li>• Net weight: 2.1 kg</li> </ul>
Others	<ul style="list-style-type: none"> <li>• External microphone</li> <li>• Optional : Wall mount/TV mount bracket x 1</li> </ul>	<ul style="list-style-type: none"> <li>Lock bolt x 2</li> </ul>