



4K Ultra HD



Auto- framing



120 FOV



USB Plug and Play



### UC- T50 VIDEO BAR

## Intelligent 4K All-in-one Video Bar

With all-in-one design, UC T-50 Video Bar has 4K UHD camera, microphone array, high fidelity speaker and electric privacy cover. With powerful functions like face recognition, voice localization, voice tracking, and intelligent noise reduction, UC T-50 Video Bar could automatically adjust the image size according to the number of participants to present the optimal frame. It can also detect the speaker position in real time and lock the target while having a close-up, which allows users to have hands-free operation. UC T-50 Video Bar has 6 array microphones composed of MEMS microphones, and it can also be matched with external cascading microphone, plus advanced 3A audio algorithm, you will have an exceptional full-duplex communication experience.

The built-in linear microphone array composed of 6 MEMS microphones can also be matched with cascadable expansion microphones. With the advanced 3A audio algorithm, the directional pickup is clearer and brings a 6-meter full-duplex high-quality call experience.

### Products Features

- **Integrated Design:** Built in 4K UHD camera, microphone array, high fidelity speaker and electric privacy cover
- **Ultra HD:** UC T-50 Video Bar adopts 8 M high quality CMOS image sensor, able to capture 4K ultra HD image to present true-to-life image, bringing excellent image resolution and clarity.
- **Distortion-less Wide Angle Lens:** 120° wide angle with no distortion lens allows every participant is on the frame with no need to adjust the camera.
- **Automatically Privacy Cover:** Privacy cover will automatically close to ensure the privacy security.
- **Microphone Array:** Built in 6 array microphone enable speaker can be tracked in real time. UC T-50 Video Bar break the distance limitation to provide virtual meeting as if you are there.
- **Built in Speaker:** Built in dual 10W high quality studio speaker, ensuring every participant can hear and be heard clearly.
- **Audio Processing:** The audio processing algorithm adopts high-fidelity 48K audio sampling rate, lossless audio transmission technology, supports AEC, AGC, ANS processing, bringing high-quality calls of 6 meters full duplex;
- **Auto Framing:** Built in face detection algorithm, automatically detect participant and provide optimal framing.
- **Bluetooth 5.0:** Connect mobile phone and other devices through Bluetooth to be used as Bluetooth speaker and microphone.
- **Low Noise and High SNR:** Low noise CMOS ensure the ultra SNR of image. The advanced 2D, 3D noise reduction technology further reduce the noise while ensuring the image clarity.
- **Powerful Compatibility:** Compatible with Windows 7, windows 10, Mac OS 10.10 or higher system, applicable to major cloud-based video conference platforms.

## Technical Specifications

Camera	Lens	FOV	120° (D) /106° (H) / 72° (V)
		Iris	F2.0
		Focal Length	1.89mm
		Digital Zoom	10X
	Sensor	High quality CMOS sensor, effective pixel 8 million, 16:9	
	Image	Minimum Illumination- 0.5Lux, DNR- 2D & 3D, Focus- Auto/Manual BLC- On/Off, SNR- ≥50dB	
Video	Video Format	HDMI: 4KP30,1080P60 compatible downward USB: 4KP30,1080P60 compatible downward	
	Video Compression Format	MJPEG, YUY2, H.264, H.265, NV12	
	Privacy Cover	Automatic privacy cover will close when no image output and open when there are image output.	
Audio	Microphone	Microphone	6 X MEMS Microphones
		Pickup Distance	6 meters
		Frequency	120 Hz-16 kHz
	Speaker	Speaker	Built in dual speaker ,
		Voltage	2*10W
		Output Voice Pressure	80±3 dB 1.0M/1.0W
		Frequency	100 Hz-20 KHz
	Audio Processing	AEC, AGC, ANS	
AI Function	Group Framing	Automatically adjust the screen size according to the number of participants to present the best framing	
	Speaker Tracking	Track each speaker in real time, and ensure that the speaker is in the center of the screen.	
Remote Control	Remote Control	Infrared remote control	
Physical Interfaces	USB	USB3.0 audio video output interface, Type C	
	HDMI	HDMI video output interface	
	LINE IN	3.5mm audio line input interface	
	LINE OUT	3.5mm line output, can be connected to external speakers	
	Expansion Mic Interface	RJ45 interface, able to connect to expansion microphone.	
	Power Interface	HEC3800 power socket (DC12V), input AC110V-AC220V output DC12V/2.5A	
Indicator	Bar-shaped Indicator	While displaying the working status, it can also be lit where the speaker's voice comes from.	
Bluetooth	Bluetooth 5.0	Can be connected to a mobile phone or other device via Bluetooth as a Bluetooth microphone and speaker	
Compatibility	Available System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android	
Working Condition	Working Temperature	-10°C ~ +50°C	
	Working Humidity	20% ~ 80%	

*\*Product weight and dimension are approximately and features & technical specifications mentioned may change without any prior notice. All images are for representation only & may differ from actual product.*

**TECHVISE®**

**TECHVISE TECHNOLOGIES PVT. LTD.**

G-286, 1<sup>st</sup> Floor, Sector- 63, Noida, Uttar Pradesh- 201301

Phone- 0120 432 2269, Email-info@techvise.in

Website: - www.techvise.in

**Retailer & Distributor**