

# PROINTEK BAR

**AI-Enabled Collaboration Camera for  
Modern Meeting & Huddle Spaces**

**4K ePTZ Auto Frame  
Conference Camera**



# PROINTEK BAR (PTK-8000A Series)

## AI-Enabled Collaboration Camera for Modern Collaboration Spaces



Auto Frame



4 Mic array



4K 30fps



116° Viewing Angle



Built-in 5W Speaker

### Key Features:

- ☐ 4K / 30 FPS
- ☐ 8.51 Million Pixels
- ☐ Fixed Focus 1/2.8" CMOS sensor
- ☐ Auto Framing Function
- ☐ Digital 4-Microphone Array
- ☐ 8-meter voice pickup
- ☐ All-in-one device with built-in 5W speaker
- ☐ Acoustic Eco Cancellation (AEC), Automatic Noise Suppression (ANS) & Automatic Gain Control (AGC) technology
- ☐ 116° wide angle lens
- ☐ Touch-operated rotating with electronical Motor (+/-15° vertically and +/-15° horizontally)
- ☐ Colourful ring led light effect instructs different working status



# PROINTEK BAR (PTK-8000A Series)

## FUNCTION

The product has multiple functions



Auto  
Frame



4K 30fps



Pickup Distance  
8M



4 Mic array



116° Viewing  
Angle



Built-in 5W  
Speaker



# Auto Frame

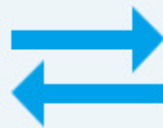
MC8000A intelligently combines facial tracking and motion when people enter or leave the judgment area and then automatically frame and zoom in and out to assure the speaker or participants remain in focus.



1 participant



2 participants



3 participants







# 8 Million Pixel

4K 30fps, 1/2.8" CMOS sensor



## 4 Microphones Array

4 digital microphones array

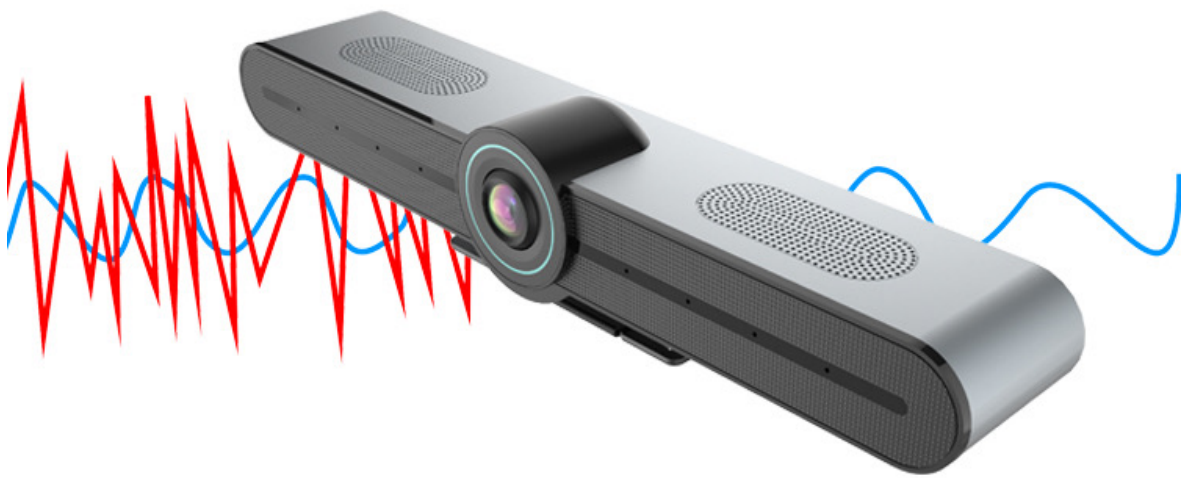


**Far-filed 5-10 Meters  
voice pickup**



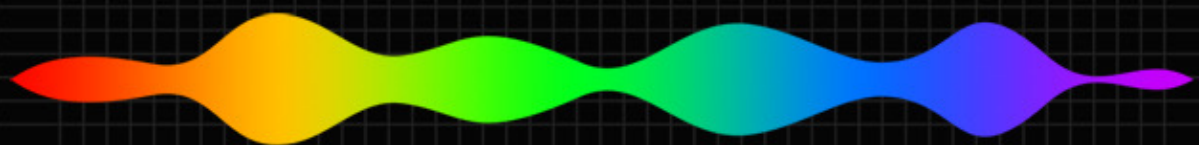
## Audio 3A Algorithm

Built-in audio 3A algorithm, full-duplex dialogue, meet communication needs of different room structures, assure a comfortable & clear videocall for all people sitting far or near.



## Crystal Clear Hifi Speaker

Full-range high-fidelity speakers Professional acoustic design, reduce sound interference, provide extraordinary sound effects

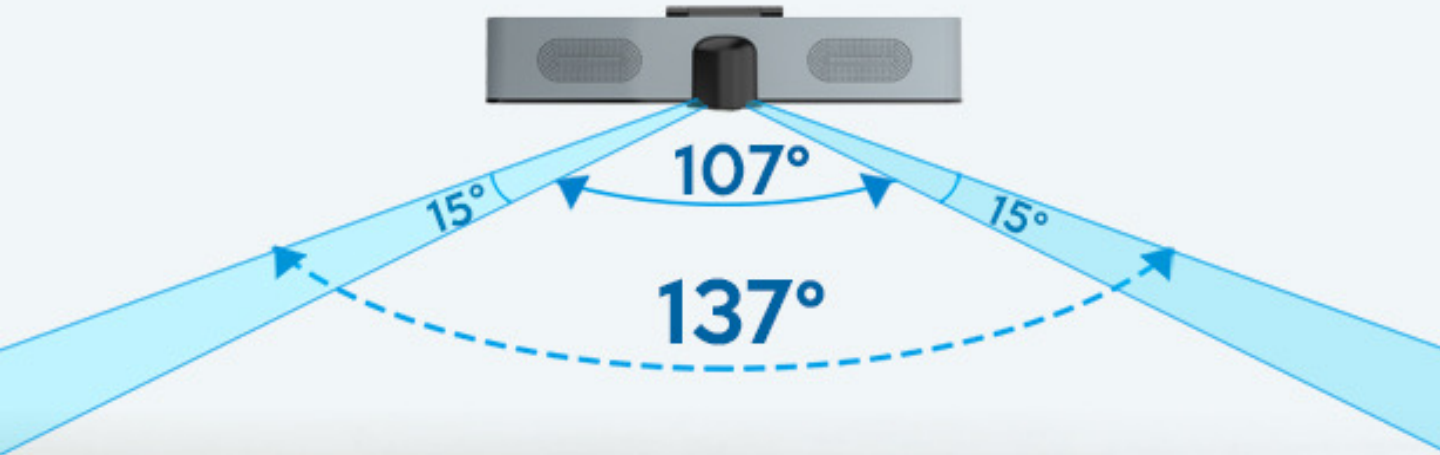




# Ultra Wide View +MPT+ePTZ

116° (DFOV) , 107° (HFOV)

Ultra wide view with little distortion, Built-in  
MPT and EPT for  $\pm 15^\circ$





# ePTZ 3X Digital Zoom

ePTZ 3X Digital Zoom with bluetooth remote control



# Multi-Way of Placement



Put on desktop

Clip on screen



Wall/ceiling mount



# Compatible With Your Platform



## Compatible Systems



IOS/Mac



Android



Windows



Linux



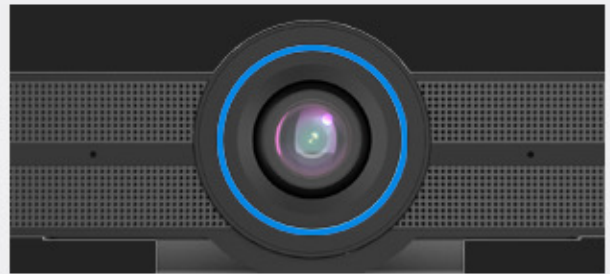


# Camera Status LED Indicators

Smooth your control of the effect of sound volume, picture brightness, zoom in and out as you want during a conference by reading the difference of LED status on Camera.



Rainbow marquee runing 3s slowly  
Camera is Power on



Blue full circled light keeps on  
Camera & Remote Control Paired



Red full circled light keeps on/turns off  
MIC mute turned on/off



White full circled light keeps on/turns off  
Camera opened/closed



Green full circled light keeps on  
External Mic connected



Orange full circled light flashes/disappear  
Long press Menu button on remote control to enter into setting mode, press OK button the flash light will disappear

**Amazing User Experience,  
Easy & simple to operate**

# Application scenarios



Network teaching



A business Conference



Video Chat



Video Conference

## Package Including





## Product Specification (PROINTEK BAR)

Camera Parameters	Image Sensor	4K 1/2.8 CMOS sensor
	Effective Pixels	8.51 Megapixels (16:9)
	Video Output	USB 2.0
	Lens	Fixed Focus Lens, Support Digital Scaling f=2.1mm
	Horizontal View Angle	116°
	Tilt	Horizontal : ±15 Vertical: ±15
	Digital Noise Cancellation	3D Digital Noise Cancellation
	Backlight Compensation	Support
	Color Enhancement	Support
	Edge Enhancement	Support
	Image Rotation	180°
	Image Mirror	Support
	White Balance	Auto/Indoor/Outdoor/One Push/ATW/Manual
	Auto Frame	Support
	Ant- Flicker	50HZ/60HZ
	Video Adjustment	Brightness, Saturability, Contrast, Acutance, Gamma
	S/N ratio	>55dB
	Remote Control	IR Control
	Language	English/Chinese
USB Feature	Operation system	Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10.Linux
	Color Space Compression	YUV/H.264/H.265/MJPEG
	Video Output	3840*2160P30/P25,1920×1080P30/P25, 1280×720P30/P25, 640x480P60/P50
	Audio Pickup	Insert 4 microphones, sound pickup distance up to 8 meters
	Audio Out	5W Trumpet
	USB Protocol	UVC 1.1
Video Output	UVC PTZ control	Support
	USB	USB3.0 interfaces USB2.0 protocol
	MIC	3.5mm MIC IN
Power Consumption	Audio Expansion	LINE-IN: Support 3.5mm expansion wired microphone(Optional) LINE-OUT
	Input Voltage	DC 12V
	Input Current	Maximum 1A
	Consumption	Maximum 12W



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\* Disclaimer: Product specifications & model numbers are subject to change without notice to improve reliability, functions, design or otherwise.