

# VB40

All-in-One Conference Camera with Expansion Microphones



AI powered Auto Framing

4K

Ultra-wide capture

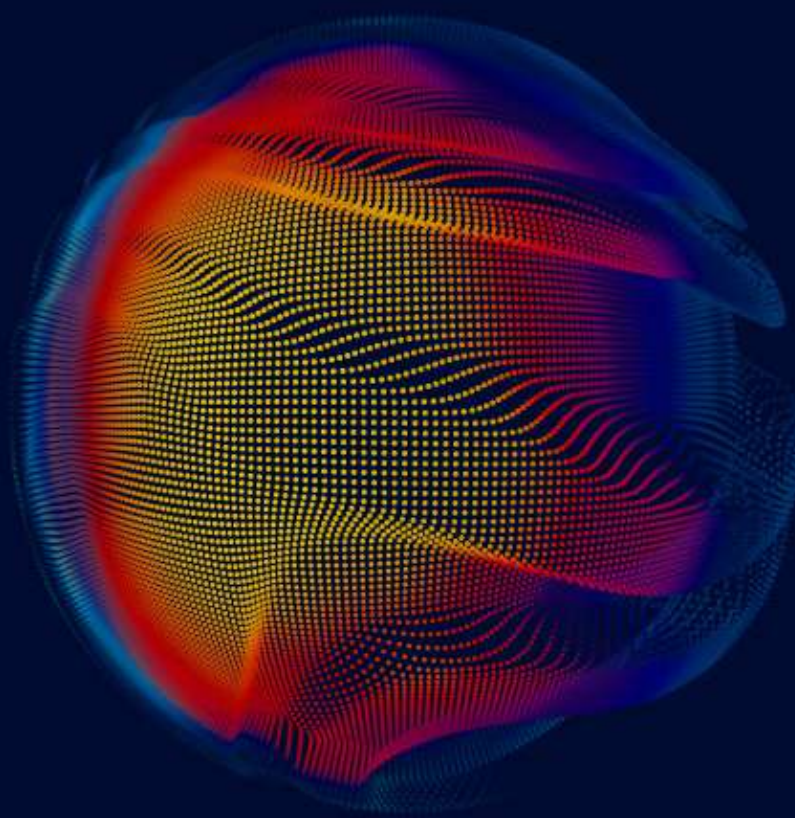
Wireless Expansion Microphones

- 4K Ultra HD image sensor, EPTZ supported, suitable for small and medium-sized meeting rooms.
- Built-in 2\*4W speakerphone, 5.8G Wireless or USB 3.0 connection optional.
- Omni-directional microphone standby time up to 6 months, working time up to 8 hours.
- World-class echo cancellation technology, noise cancellation technology, howling suppression technology, and dynamic noise suppression technology



# 4K

4K Ultra HD image sensor, EPTZ supported, suitable for small and medium-sized meeting rooms.



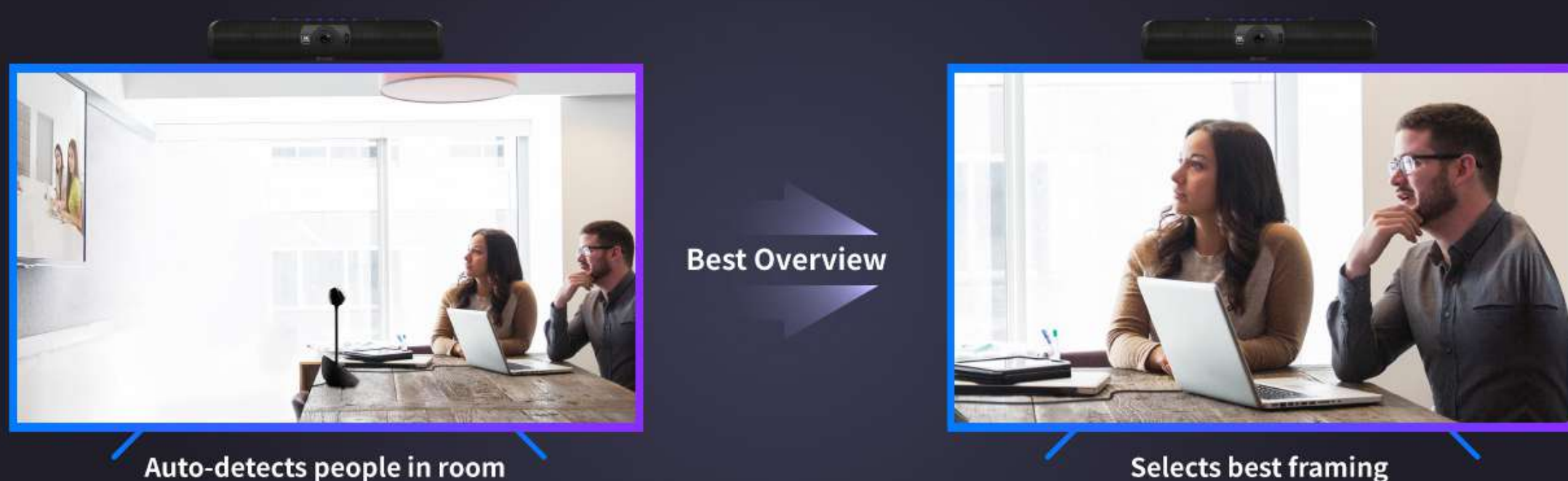
## 110° Ultra-wide capture

It supports up to 110° HOV ultra-wide image capture area.



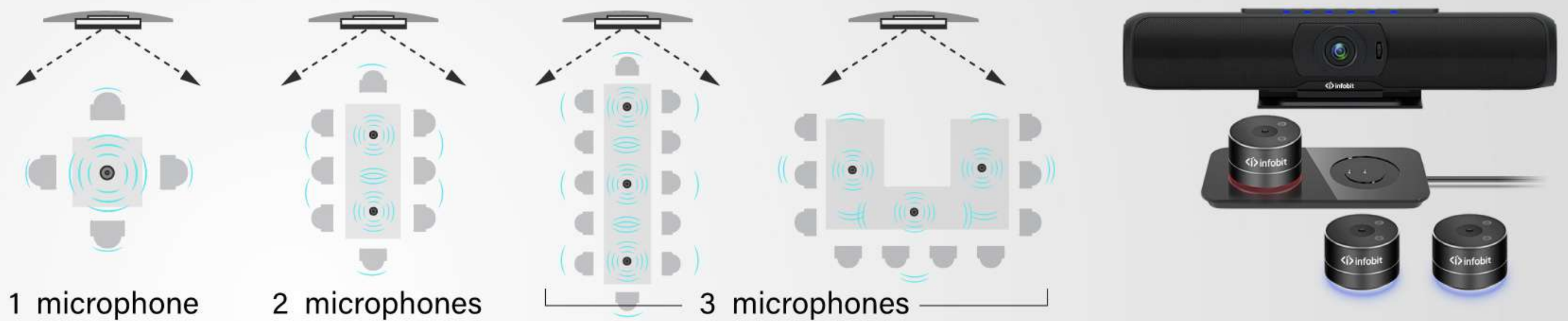
## AI powered Auto Framing

It supports AI powered Auto Framing technology (H series only), which detect participants and automatically adjust the zoom according to the number of people and show them in the middle of the screen.



# Wireless Expansion Microphones

With 3m pickup distance, the 3 wireless expansion microphones can make sure 10m coverage from huddle space, small to medium meeting room.



## Flexible charging

Besides the USB C charging port, it also equipped with charging pad to make sure it always with full battery.



## Hassle-free setup, plug and play

The VB40 is designed for ease of access and the maximum user experience. It is easy to install, and integrates seamlessly with your existing systems, offering the simple USB connectivity and expansion options



# Various Human-computer Interaction

With 6 touch buttons, 6 dual-color LED indicators and voice prompt, it provides various states of the HCI.



## Multiple mounting options

Designed for table stand, TV or wall mounting without the need for special construction.



# Datasheet

<b>VB40 All-in-One Camera Video Bar</b>	
Sensor	4K, 1/2.5" SONY CMOS
Effective Pixel	8.51 Megapixel
Minimum Illumination	0.5Lux @ F1.8, AGC ON
White Balance	Auto
Gain control	Auto
Backlight Compensation	Yes
SNR	>50db
Focus	2.22 mm
Iris	Fixed F2.4
Zoom	Fixed Lens (Support EPTZ, 4x digital zoom)
Horizontal view angle	120°(D)/110°(H)/75°(V)
Video output Interface	USB3.0/ LAN
Video output Format	YUY2, MJPEG, H.264 3840×2160, 1080P30, 720P30, 800×600, 640×480, 640×360
Built-in Microphone type	Digital silicon Microphone
Sensitivity	Built-in Microphone: -22dBFS
Frequency response	100Hz – 16kHz
Echo Cancellation	world-class Echo cancellation technology, echo cancellation time up to 256ms
Noise Cancellation	>12dB
Sampling frequency	Record: 16kHz / Playback: 48kHz
Voice pick up range	3m
Transmission Model	Wired, USB3.0 (Between all-in-one device and PC) Wireless, 2.4G (Between all-in-one device and Microphone)
Speaker power	Double Channels 4W*2
All-in-one Device Power	14W MAX
Control Mode	Touch button control /remote control
Button function	ON/OFF (Battery Check), Volume+, Volume-, speaker mute, microphone mute, scene switch
Remote function	Audio: Volume+, Volume-, microphone mute, speaker mute, ON/OFF Video: ZOOM+, ZOOM-, up/down/left/right movement, OSD Menu
status Display	Two-color LED indicator
Power adapter	DC12V±0.2V, 2A
working temperature	-10°C ~ 40°C
environment humidity	0-95% RH
length*width*height	(L) 400 mm x (W) 75mm x (H) 62 mm
Weight	950g



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<b>Daisy chain microphones</b>	
Type	Digital silicon Microphone
Sensitivity	-26dBFS @1kHz 1Pa
SN	60dB
Frequency response	100Hz – 16kHz
Sampling frequency	Record: 48kHz
Voice pick up range	3m
Wireless Transmission Model	2.4G ISM
Wireless transmit power	2.4G: +5dBm
Microphone power	0.2W MAX
Charge Jack	USB type C /Charging board contact charging
Control Mode	Touch button control
Button function	ON/OFF, Microphone Mute, pairing microphones
Status Display	Two-color LED indicator
Power adapter	Charging board, DC5V±0.2V, 2A
Battery	800mAH
Standby time	6 month
work time	>8hours
working temperature	-10 – 40°C
environment humidity	0-95% RH
length*width*height	φ70x49mm
Weight	300g

<b>Charging pad</b>	
Input voltage/current	5V/2A
Charging slots	2 slots/ pad
Single output current	600mA
Dimension	200x100x16mm
weight	170g
Interface	USB-TYPE-C



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