

## VB50

USB All-in-One Conference Camera Video Bar



### 4K60 Video

The 4K camera supports up to 4K UHD (3840x2160/ 60Hz) video capture.

### All-in-One

HF Speaker, Beam Forming microphone, USB camera

### Speaker Tracking

Intelligently focuses on the person who is talking- even if they move around the room.

### Auto Framing

Auto framing to fit everyone on-screen

### 140° Ultra Capture

5x Zoom, 120° DFOV, 110° HFOV and ±15° pan/tilt

All-in-one 4K camera, beamforming microphone, and full-frequency speakers

- Dazzling video with 4K resolution, and 5x digital zoom
- Single USB 3.0 connection for unmatched convenience & ease of installation
- Ultra-wide-angle field of view for capturing full-room video
- Impressive versatility with multiple mounting options
- Shipped fully functional, pre-programmed, and rigorously tested
- 4K UHD, 1080P60
- MPT + EPTZ
- Built-in Microphone & Speaker
- Auto-framing & Auto-tracking• 120 degrees wide-angle lens
- HDMI 2.0, USB Type C, JR45 outputs
- Bluetooth supported
- 2x Camera presets
- Extension Microphone supported

## All-in-One USB Conference Camera Video Bar

HF Speaker, Beam Forming Microphone and USB Camera all-in-one design. Dedicated to your huddle room containing 4-6 participants.



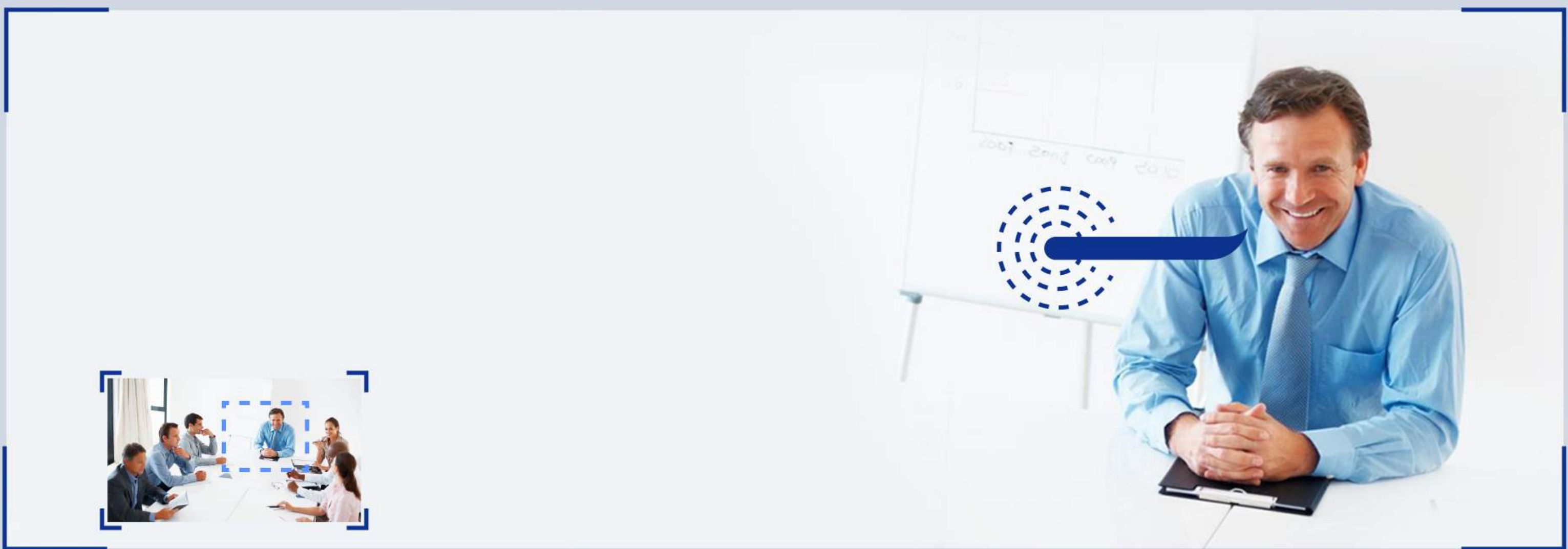
## Hassle-free setup, plug and play

The VB50 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.



## Speaker / Voice Tracking

INFOBIT advanced Speaker/Voice Tracking technology intelligently focuses on the person who is talking- even if they move around the room.



## Automatic Framing

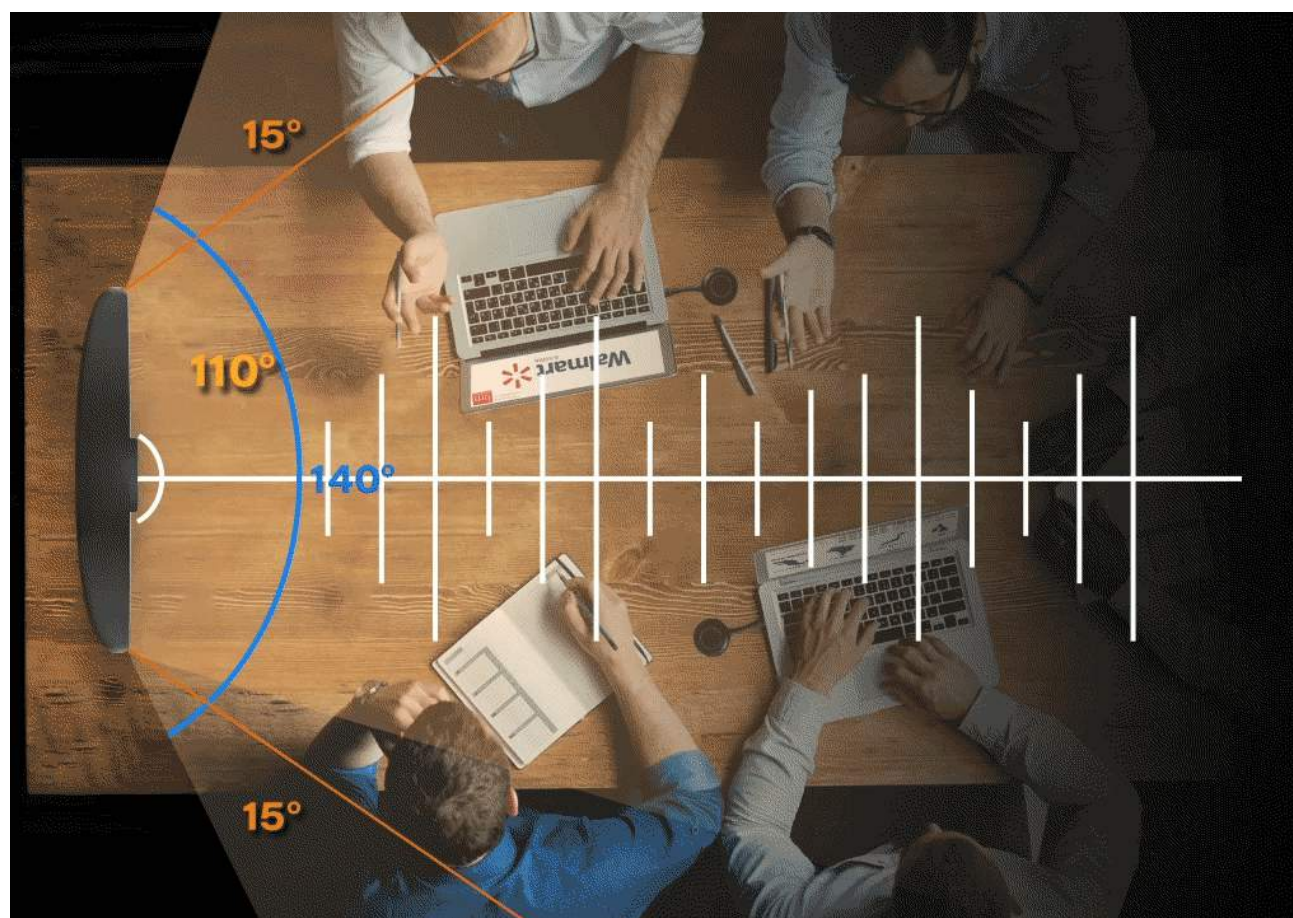
Embedded with INFOBIT Auto-Framing technology, the VB50 automatically frames all meeting participants, adjusting the camera zoom, pan, and focus to fit everyone on-screen. Everybody on the video call can see the important details—right down to body language and facial expressions.

## Outstanding Sound Experience

Full frequency Hi-Fi loudspeaker, professional, acoustics design, reduce noise interference, provide outstanding sound effect. Its beamforming microphones cover an 6m/20ft range, ample for any huddle room. No matter how far away everyone is, it will sound like they are in the same room.

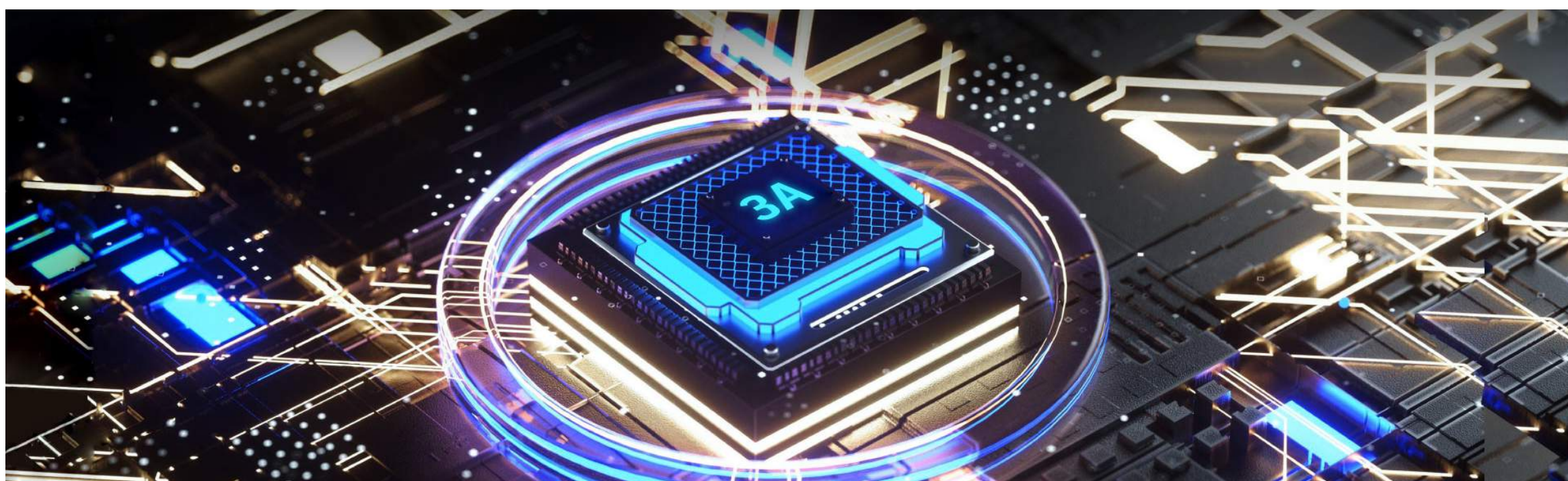
## Super Wide FOV

5x Zoom, 120° DFOV, 110° HFOV, MPT and ePTZ. Super wide field of view, lower distortion, integrated with mechanical PTZ and EPTZ, supporting pan/tilt  $\pm 15^\circ$ .



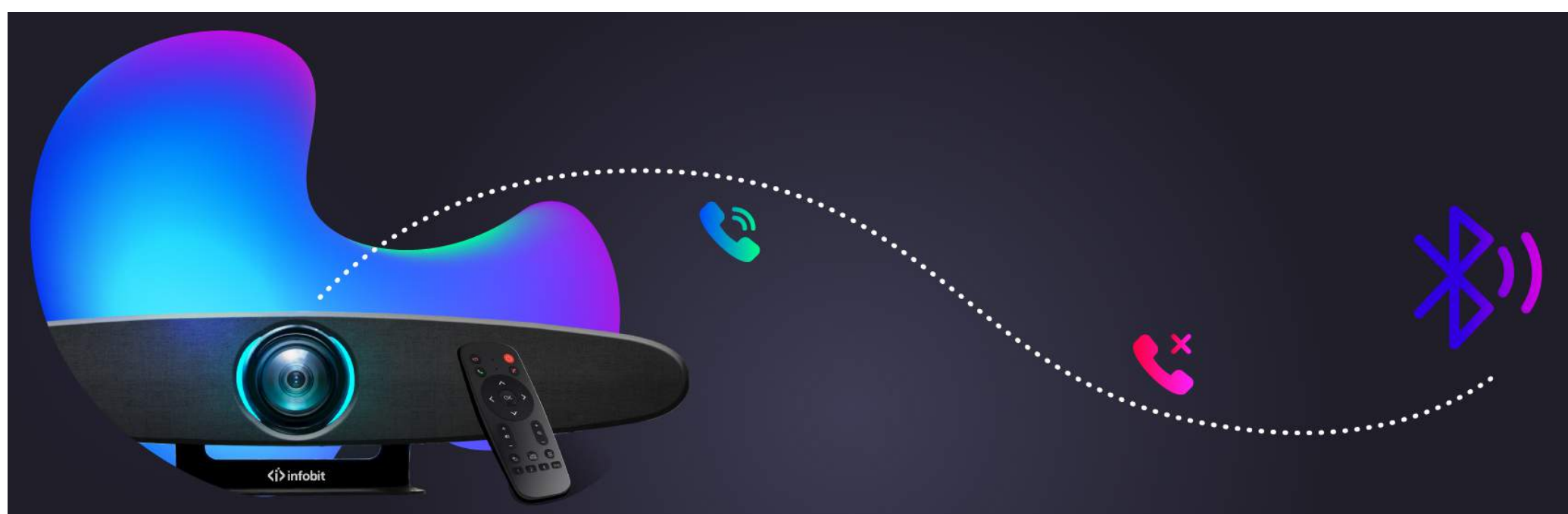
## 3A Audio Algorithm

With INFOBIT 3A technology (AEC, AGC and ANS) full duplex dialogue, it can meet the communication needs of different room structures, whether sitting at a conference table, against the wall or standing, can have comfortable talking experience.

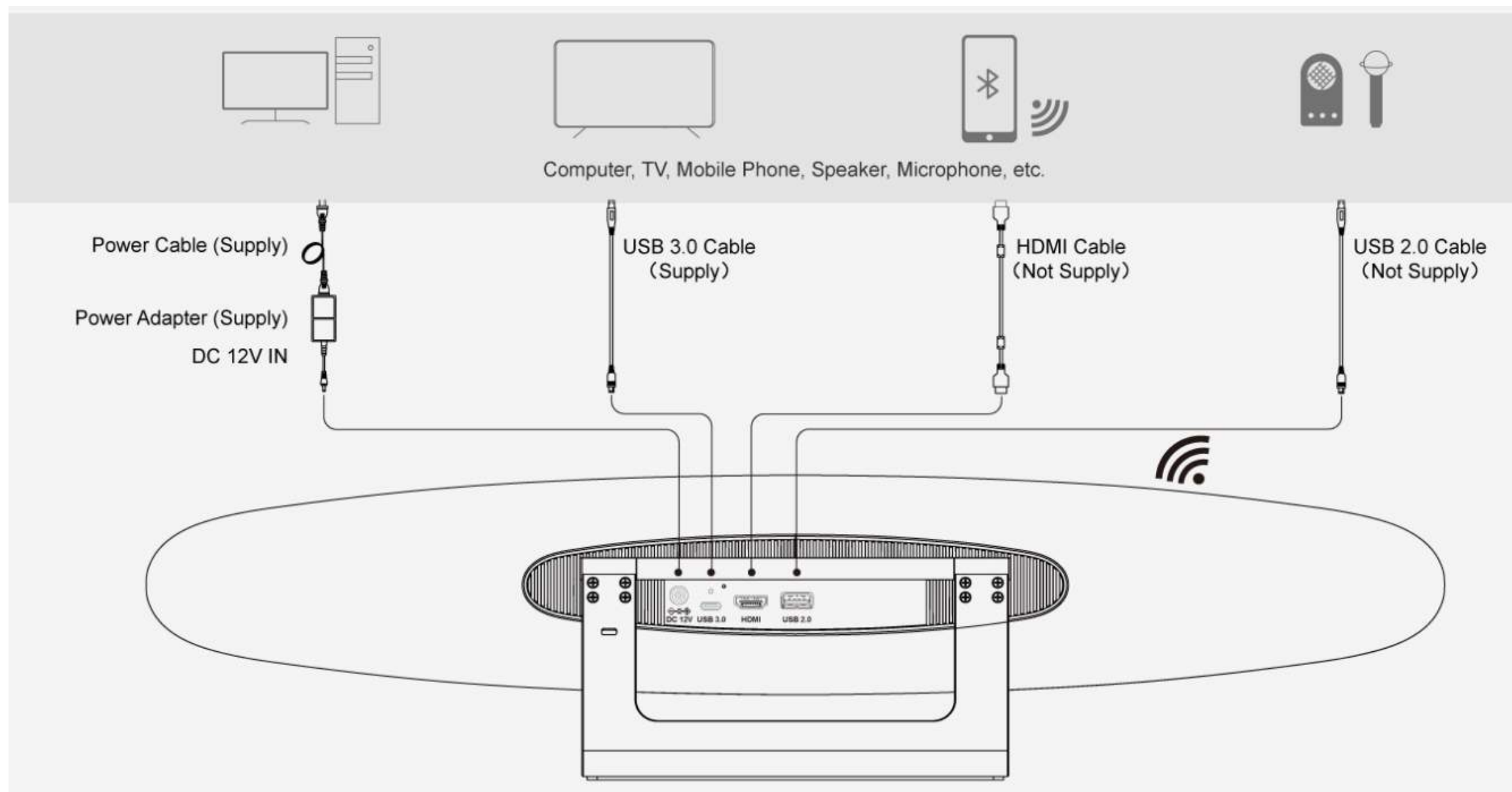


## Built-in Bluetooth

It supports Bluetooth 5.0 to connect your smartphone with one-click operation to pickup or hang up your phone call via the IR remote.



# Diagram



# Datasheet

Model	iCam VB50
Video	4K@60fps, 4K@30fps, 1080P60/30fps, 720P@60/30fps, etc.
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	120°(DFOV), 110°(HFOV), 5x zoom, pan/tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction	2D & 3D digital noise reduction
Video	S/N ≥55dB
Backlight Compensation	Supported
Full frequency speaker	96 dB SPL at 0.5 metres
Microphone array	Beamforming microphone, pick up distance up to 6 meters
Connection type	USB 3.0 downward compatible with USB2.0
Video Compression	H.264 / MJPEG /YUY2 /NV12
USB audio	32K sampling rate, support UAC2.0
USB video	UVC 1.1~1.5
UVC PTZ control	Supported
OS System compatibility	Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher macOS® 10.10 or higher, Linux (requires support for UVC), Android Google Chromebook™ Version 29.0.1547.70 or higher
Hardware platform	2.4 GHz Intel® Core 2™ Duo processor or higher 2 GB of memory or higher USB 2.0 interface (4K video output need USB 3.0 interface)
HD output	1 * HDMI , version 2.0
USB interface	1 * USB3.0, Type C ; 1 * USB2.0, Type A
Power jack	DC 12V, 2A (MAX)
Control mode	2.4G remote controller
Installation mode	Support for desktop, wall, TV, and other installation options
Standard cable	USB3.0 (2 metres)
Safety protection	Security lock jack
Remote	2.4G remote controller
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
MTBF	>30000h
Size	600mm * 140mm * 115mm (holder included)
Net Weight	2.5 Kg
Client applications	Skype for Business, Compatible with Cisco (Jabber), Cortana
Adaptable application	LCP (Zoom, BlueJeans, Broadsoft, Starleaf, Pexip, Vido) and all UVC applications (Google Hangouts, Go to Meeting, etc)

INFOBIT AV iCam VB50 VS. VB30		
Model:	VB50	VB30
Speaker/ Voice Tracking	Yes	Yes
Auto Framing	Yes	No
Bluetooth	Yes	No
Pickup/ Hang up the phone	Yes	No
HDMI 2.0 Output	Yes	No
FOV	120°(DFOV), 110°(HFOV), 5x zoom, pan/tilt ±15°	HFOV 100° (Tilt: Horizontal ±15°, Vertical ±15°)
PTZ	MPT + EPTZ	MPTZ
Zoom	5x Zoom	4x Zoom
WDR	Yes	No
Microphone Pickup Range	6 meters/ 20 feet	8 meters/ 26 feet
Mic extension	1x USB 2.0 IN	1x 3.5mm IN
Language	English, French, Chinese	English, Chinese