infobit

iCam VB30

USB All-in-One Conference Camera Video Bar

Datasheet
V1.0

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1. Quick Installation Instructions

1.1 Product Interface

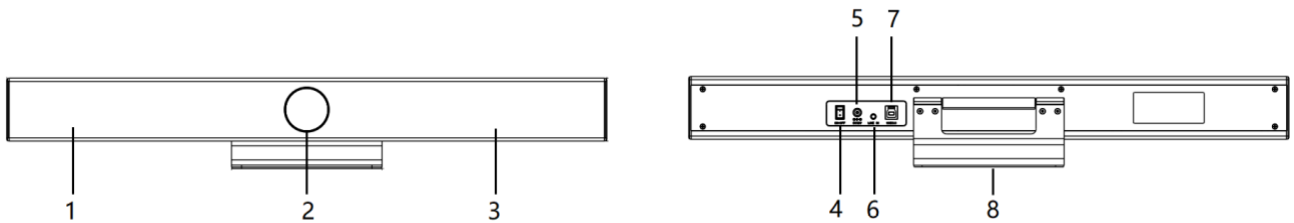Figure 1.1 Product Interfaces

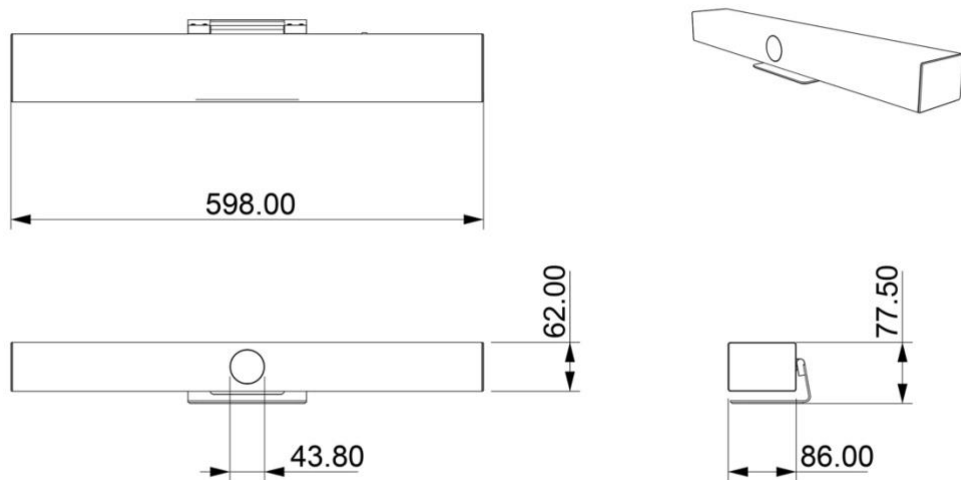|		
1. Speaker	4. Power Switch	7. USB3.0
2. Lens	5. Power	8. Bracket
3. Built-in Mic	6. Line in	

1.2 Product Use

1) Installation: Fix the device to the wall, over the display screen or directly put it on the desktop.

2) Power on: Connect the DC12V power adapter to the power input socket.

3) The USB interface is plugged into the computer, video conference terminal or other USB input device through the USB cable, open the conference software, select the image and audio device output and then use it ;

2. Product Overview

2.1 Product Introduction

2.1.1 Dimension

单位：MM

Figure 2.1 Dimension

2.1.2 Accessories

Standard accessories in the box

Accessories	Standard	User Manual
		5m USB2.0 Cable
		Remote Control
		Power Adapter
		Packing List
		Wall Bracket

2.2 Product Features

Features with compact design, crystal clear audio and excellent video quality, it uses advanced AI intelligent algorithms, integrates multiple AI intelligent framing technologies such as facial detection, sound positioning, and voice tracking. It automatically frame the meeting participants and adjust focus area to present the best view. Real-time detection of the speaker's position function enables the presenter to be focused in the view automatically. USB plug-and-play, easy connection to any video conferencing equipment any time anywhere.

It is an ideal solution for small and medium-sized meeting rooms.

- **Integration**：An one-piece design integrating camera, microphone, and speaker;

- **Voice Tracking**：Built-in 6-mic array to achieve voice tracking function and real-time tracking of each speaker, allowing remote participants to break the limitation of distance and create an immersive, face-to-face experience;

- **Built-in speaker:** Built-in high-quality double speakers**,** ensure every participant can hear clearly.

- **Audio Processing:** The audio processing algorithm adopts high-fidelity 48K audio sampling rate, lossless audio transmission technology, supports AEC, AGC, ANS processing, and supports 6-meters full-duplex high-quality calls;

- **Automatic Framing:** Built-in face detection algorithm, automatically detects participants and provides ideal framing and view;

- **Ultra HD:** Using 8M high-quality CMOS image sensors, collects 4K ultra-high-definition images, presents clear and lifelike ultra-high-definition videos, vividly show the expressions and actions of each speaker.

- **Wide FOV**: With 120 °super wide view angle and non-distortion lens to easily cover all participants in the meeting room;

- **Low noise and High Signal-to-noise ratio**: Low-noise CMOS effectively guarantees the ultra-high signal-to-noise ratio of the picture. Adopting advanced 2D and 3D noise reduction technology to further reduce noise while ensuring image clarity;

- **Compatibility:** Compatible with Windows7, Windows10, Mac OS 10.10 or higher operation system. Ideally interoperable with most popular cloud video platforms, including but not limited to the followings: Microsoft Teams, Skype for Business, Zoom Room and Zoom, Tencent Conference, Ding Talk, Huawei WeLink and etc.

2.3 Technical Parameters

Module	Features	Description
Video Camera	Image Sensor	8 million pixel high-quality CMOS image sensor
	Camera Angle	116°(D)/107.2°(H)/74.1°(V)
	Zoom	5x digital zoom
	Video Output	Up to 4K
	AI Smart Framing	Face detection & sound location & voice tracking
Audio	Microphone Type	6-mic array
	Pickup Distance	6 meters
	Audio Processing	AEC & AGC & ANS & Sound source localization
	Speaker	2*7W
Controller	Remote Control	Infrared remote control
Physical Interfaces	USB Interface	1*USB3.0 (Type-B), compatible with USB2.0
	Audio Port	1*3.5mm linear input
	Power Connector	HEC3800 power socket (DC12V)
	Wall Bracket	Standard wall mount bracket

3. Remote

3.1 Buttons

Standby — Autoframe&VoiceLoca

Volume down — Volume up

Zoom Out — Zoom In

HOME — Pan/Tilt

SetPreset
(SetPreset key+ 0-9 number key) — MENU

Pick up — Hang up

0-9 Number
(Press to call the preset)