iCam

All-in-One Conference Camera Video Bar with Android UC terminal
Model: VB70
Datasheet

Introduction

As a meeting communication hub, the INFOBIT iCam VB70 Conference Bar with Camera enables people to exchange ideas while sharing images and data, resulting in greater productivity during online meetings. The iCam VB70 offers one-click wireless screen sharing for up to four devices simultaneously. The system works with the optionally available dongle and app, and also allows screen sharing to a TV remotely. Further, the iCam VB70 provides parallel Wi-Fi networking and screen sharing with its dual Wi-Fi module design.

Featuring auto-framing with intelligent face detection that tracks whoever is speaking and smoothly switches between presenters, the focus is always on the active presenter. Combined with its 5X zoom capability, a 120-degree viewing angle, and three camera position presets that enable instant meeting startup, the iCam VB70's 12MP (megapixel) camera provides precision optics with intelligent functions that result in high image quality and auto framing in huddle spaces and large conference rooms alike.

The iCam VB70 is designed to facilitate easy setup and operation, removing barriers to successful meetings. Audio features include adaptive echo cancellation for carefree interactive communication, automatic gain control for consistent voice output level, automatic tracking of each person speaking, as well as noise reduction and the ability to remove a room's reverberant characteristics to eliminate that annoying echo that can occur in acoustically live spaces.

Product Features

1. Plug and Play: Integrated design that becomes instantly operational after booting
2. Ultra-wide FOV: Featuring a 120-degree FOV, with a 1/2.3-inch 12MP sensor
3. Digital Zoom: 5x
4. Presets: 3 Zooming Presets
5. Built-in Speaker: Satisfies the need for small-to-medium spaces
6. Built-in Microphone: Six-element MEMS microphone array with high sensitivity and 8 meters of voice pickup range
7. Clearer Voice: Noise reduction, echo cancellation, anti-reverberation, built-in AGC algorithm that enhances voice collection
8. Wireless Connection: Dual WiFi module support wireless screen-sharing as well as a network connection. Share the screens wirelessly via screen-share dongles, software, app, Airplay or Miracast
9. Broad Compatibility: Supports connecting with a laptop, working as a camera, speaker, and microphone
10. Flexible installation: Wall-mounted or on a desk

Datasheet

Camera	12M pixel
Resolution and Frame Rate	H.264/MJPG： (1)3840×2160 (2)2560×1440 (3)1920×1081 (4)1280×720 (5)1024*576 (6)960×541 (7)800×600 (8)640×480 (9)640×361 (10)480×270 (11)352×288 (12)320×241 (13)320×180 (14)176×144 (15)160×121 (16)160×91
	YUV2： (1)640×480 (2)640×360 (3)480×271 (4)352×288 (5)320×240 (6)320×181 (7)176×144 (8)160×120 (9)160×91
Output Format	Output Format H.264/MJPG/YUY3
Field of View	Field of View FOV 120°(D)
Adjustable Angle	Adjustable Angle Up and down 15 degrees by manual adjustment
Focus mode	Focus mode Fixed focus
Focus distance	Focus distance 1m
Sound Channel	1

Audio Output	1×8W
Microphone	6
Voice Pickup Range	8m
Wireless Communication	802.11 a/b/g/n/ac
WiFi Frequency	2.4GHz/5GHz
WiFi Distance	0~10m
Power Requirements	12V 3A
Overall Power(Max.)	36W
Standby Power	≤0.5W
USB Type-C	1
USB3.0	1
AUDIO IN/OUT	1
HDMI OUT	1
DC 2.0	1
RJ45	1
Dimension	L×H×D 462×76×93 mm
Dimension (package)	Dimension (package) L×W×H 540×160×170 mm
Net Weight	Net Weight 1.026kg
Gross Weight	2.330kg (1 pc) 11.730kg (4 pcs)
Package list	HDMI Cable ×1 (1.5 metres) Remote Control ×1 Battery ×2 (AAA) (without for international freight by Air) Power Adapter ×1 Wall-mounted Components ×1 Peeping Cover ×1 USB Cable ×1
Operating Temperature	0°C - 40°C
Operating Humidity	10% - 90%RH
Storage Temperature	-20°C -60°C
Storage Humidity	10% - 90%RH
Altitude Below	5000 metres