

iCam VB40

All-in-One Conference Camera with Expansion Microphones

Model: VB40

Datasheet 21V1.0



Next generation full-duplex voice calling technology, available with one digital silicon microphone and up to three wireless omni-directional microphone deployment. Each microphone pickup distance is 3m.

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.

Using world-class echo cancellation technology, noise cancellation technology, howling suppression technology, and dynamic noise suppression technology, you can clearly output meeting content although in a noisy environment.

Prompts Terminology/Touch Panel



Power on/Off, Mic mute, speaker mute, Volume up/down functions, switch internal or expansion microphones function will trigger the prompts terminology on top of Device.

Compatible with Most popular Web Conferencing software: Plug and Play

All these features make it the perfect solution for spontaneous conferencing and collaboration which is compatible with various telecommunication platforms including WebEx, Lync, Skype for Business, BlueJeans, Zoom, and Jabber for easy integration into your existing video conferencing infrastructure.

Installation

TV mount, Desktop or Wall mount kits included in the package

Charging Pad

Input Voltage: 5V/2A

USB Type-C interface

Dimension: 200x100x16 mm

System requirements

Windows® 7, 8.1 or 10

macOS® X 10.10 or higher

Chrome OS™ ,Chrome OS™

Specs

VB40 All-in-One Camera Video Bar	
Sensor	4K, 1/2.5" SONY CMOS
EffectivePixel	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 3840x2160, 1080P30, 720P30, 800x600, 640x480, 640x360
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
Daisy chain microphones	
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
Charging pad	
Name	Charging pad
Input voltage/current	5V/2A
Charging slots	2 slots/ pad
Single output current	600mA
Dimension	200x100x16mm
weight	170g
Interface	USB-TYPE-C