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Petit-Flon 31 - Le Mont/Lausanne - 021 310 20 60 www.sonora.ch
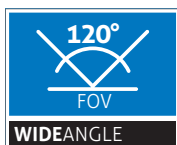Audio-visuel médias technologie

VL-VB300
4K-Videobar with Video Switcher
and BYOM Function

Features

▸ Wide angle 4K video camera with 5x digital zoom and 120° FOV with Auto Framing / Speaker Tracking / Presenter Tracking
  based on an intelligent algorithm

▸ 4x MEMS digital microphone arrays with a range of 5 - 8 meters and an angle of 180°. Includes AEC (acoustic echo cancellation).
  AGC (automatic gain control). ANS (automatic noise suppression) and full duplex mode communication makes the participants
  feel like they are in the same room

▸ 2x 5W stereo full range speakers with passive radiator bass enhancement for excellent base response and perfect voice reproduction

▸ Wired screen presentation via USB-C (with PD) and HDMI. Wireless BYOD/BYOM enabled for Windows, Airplay, Miracast
  and with optional streaming dongle. Includes split screen sharing mode with LIFO auto switching function

▸ Plug and play with excellent compatibility for OS and UC applications, e.g. Zoom, Teams, Webex, Tencent Meeting, etc
  and flexible control options of Web GUI and Remote Controller as well as built in WAP

| 4K ePTZ SMARTCAMERA | 120° FOV WIDEANGLE | 4x MEMS CLEARVOICE | 2x 5W HIFISOUND | AI POWERED INTELLIGENT | USB-C PLUG & PLAY |

Technical Data
VL-VB300

Input / Output

Input	1x USB-C, 1x HDMI, 1x USB Host (USB-B), 1x Ethernet (RJ45), 1x External Mic (Mini USB), 1x Dongle Pairing (USB-C)
Output	1x HDMI, 1x USB Device (USB-A)

Camera

Camera Sensor	8 Mega Pixel CMOS
Camera Resolution	4K 30Hz, 1080p 60Hz
Field of View	120°
Encoding formats	MJPEG/YUV2/H.264/H.265 | UVC 1.1
ePTZ	5 x Digital Zoom
White Balance	Auto
Backlight Compensation	Auto
Digital Noise Reduction (DNR)	2D & 3D

Speakerphone

Number of Microphones	4 x MEMS mics in a beamforming array
Audio quality features	Acoustic Echo Cancellation, Automatic Gain Control and Automatic Noise Suppression
Effective audio capture	180° pick up angle with a 5-8m range
Speakers	2x 5w including a passive bass radiator

Video

Max. Screen Resolution	3840x2160p 30Hz 4:4:4 8bit, 1920x1080p 60Hz
Maximum Pixel Clock	300Mhz
HDR	yes
HDMI	HDMI 2.0, HDCP 2.2

Communication and Control

USB	USB-C: USB 3.2 Gen1 Host (60W PD max charging), USB-A: USB 3.2 Gen1 Device, USB-B: USB 3.2 Gen1 Host, USB Mini: USB2.0
USB Protocol	UAC, UVC, USB HID
Ethernet	1 x RJ-45
WLAN	IEEE 802.11 a/b/g/n/ac
Control Method	Web UI, Remote Controller

General

Operating Temperature	0°C ~ 40°C, 10% to 90%, non-condensing
Storage Temperature	-20°C ~ 60°C, 10% to 90%, non-condensing
MTBF	> 30000h
Power Supply	DC 24V 5A
Power Consumption	100W (Max)
Colour	Space Grey
Dimension (W x H x D)	700mm x 126.83 mm x 90mm (including Bracket)
Net Weight	2.42kg (with Bracket)
Gross Weight	6.22kg

FRONT

BACK

Applications

1. Using the VB300 in combination with a room PC for video conferencing without own hardware.

2. Using the VB300 in combination with a conference room PC for video conferences without own hardware or with own hardware BYOM e.g. own laptop.

3. Using the VB300 via USB-C (BYOM) without a conference room PC

4. Using the VB300 as a pure presentation and collaboration solution without a conference room PC.

Set includes

1x VL-VB300 Videobar

1x DC 24V 5A Power Adapter

1x Remote Controller

1x Magnetic Lens Cap

1x Wall Mounting Kit

4x Expansion Screws

4x Mounting Screws

Art.-No.	EAN
VL-VB300	4251364736906

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