

EUROSOUND®
ENGINEERING FOR QUALITY

YOUR
**COLLABORATIVE
VIDEOBAR**



VS4K-SC



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Product Specifications VS4K-SC

Camera

Video Resolution	4K@30fps, 1080P@30fps, 720P@30fps, etc
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Optical Lens	121° (DFOV), 110° (HFOV), 75° (VFOV), 5x zoom Horizontal/pitch ±15°
Tripod Head	Mechanical PTZ (MPT) + e-PTZ (EPTZ)
Digital Noise Reduction	2D & 3D Digital Noise Reduction
S/N Ratio	≥55dB
Backlight Compensation	Support

Audio

Full-Frequency Speaker	96 dB SPL at 0.5 m
Microphone Array	Beamforming microphone with a pickup distance of 6 m
Expansion MIC	Support (Optional)

USB Features

Type of Connection	USB 3.0, backward compatible with USB 2.0
Color System / Compression	H.264 / MJPEG / YUY2 / NV12
USB Audio	32K sampling rate, UAC1.0 support
USB Video Communication Protocol	UVC 1.1-1.5
UVC PTZ Control	Support

Input/ Output Interface

Control mode	1 * HDMI 2.0;
HD Output	1 x HDMI, Version 1.4b
Network Interface	1 x RJ45: 10M/100M adaptive Ethernet (Optional)
USB Interface	1 x USB3.0, Type C; 1 x USB2.0, Type A
Wireless	Bluetooth data communication (Bluetooth 5.0)

Other

Control mode	2.4G remote controller
Installation Method	A variety of installation options supported, including desktop placement, wall mounting, installation with wall-mounted TV, etc.
Supplied Cables	USB Cable
Safety Protection	Kensington Lock

General Specifications

Remote	2.4G remote controller
Power Supply	DC 12V, 2A (Max.)
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Dimensions	601mm x 141mm x 115mm
Net weight	2.5 Kg

Audio

Full frequency speaker	96 dB SPL in the case of 0.5 meter
External MIC	Support (Optional, extra cost)
Microphone array	Omnidirectional microphone Sensitivity:-30±2dB

VS4K-MIC01

Meeting Capacity

Covering Area	15-30m²
Number of Participants	5-8 person

Microphone

Excellent Pickup Distance	3m
Frequency Response	100Hz-10kHz
Directivity	360° Omnidirectional
Sensitivity (1kHz)	-40.5dB (V/Pa)
Signal to Noise Ratio (SNR)	64dBA
Total Harmonic Distortion (THD)	10% (1kHz, 120 dB SPL)
Support Operation System	Windows XP/Vista/7/8/10

Product Features VS4K-SC

Application

It's designed for small and medium-sized conference rooms, especially huddle rooms with 4-6 people, and to help enterprises tap the potential of internal small and mini-sized conference rooms to hold conferences more efficiently and cut lease cost.

Product Value

Convenient for small and medium-sized enterprises to flexibly carry out daily business talks team collaboration remotely, creating relaxed, free and smooth communication for quick decision-making and efficiency improvement.

Integration Design

The three-in-one design incorporating the 4K UHD camera, the beamforming microphone and the full-frequency speaker helps reduce wiring and makes available easy video communication.

4K UHD

1/2.5-inch UHD CMOS sensor with 8.51 megapixels offers 4K (3840x2160)@30fps UHD images, downward compatible with various resolutions such as 1080P and 720P to meet users' needs for different video experiences.

Wide FOV

121° wide FOV (110° horizontal FOV), and 5x zoom; optical lenses tailored for video conferences; built-in electric tripod head (range of motion: horizontal and pitch ±15°); easier for participants to be videoed.

Abundant Interfaces

HDMI 1.4b and USB3.0 supported; simultaneous output of UHD audios and videos is available.

Easy to Deploy

Installation options like desktop, wall-mounted, TV/display-mounted are available, so it's easier to quickly install and deploy in crowded conference rooms.

Beamforming Microphone

The built-in beamforming (BF) microphone has a pickup distance of 6 m; the low-distortion transverse beamforming algorithm directs the microphone to the speaker for better sound effect and clearer and better communication.

Audio 3A Algorithm

The built-in audio 3A algorithm (AEC/AGC/ANS) and full-duplex mode meet the communication requirements of various rooms; people who sit at the conference table, sit or stand next to you can talk comfortably and clearly.

Full-Frequency Speaker

The acoustically designed high-fidelity speaker minimizes interference and offers extraordinary sound effects.

PnP

Connection to PCs or commercial large screens is realized through PnP USB ports; the out-of-the-box mechanism helps reduce wiring and offer easy-to-handle video communication, thereby lowering the user thresholds.

Speaker Phone

Mobile phones and other devices can connect to this device via Bluetooth and use it as Bluetooth microphone and loudspeaker, and to connect phone calls to audio and video conferences.

Intelligent Analysis

The built-in intelligent analysis algorithm, the sound-driven positioning, the automatic box selection of participants, the automatic tracking of speaker, and the switching of speaker's screen ensure the speaker is always clearly in the picture.

Bluetooth 5.0

The transmission speed and distance of Bluetooth 5.0 are increased by 2 times and 4 times respectively, compared with the previous-generation technology; better audios are transmitted between mobile phones/tablets wirelessly via Bluetooth.

VS4K-MIC01



Small and Portable

Small and portable USB omnidirectional microphone, small and unique, easy to put in the pocket, carry it with you, easy to travel.

Plug and Play

USB plug and play, connect computer, tablet and video conference terminal, compatible with a variety of systems and software, suitable for daily applications such as video calls.

HD Calls, Clear and Smooth

Intelligent noise reduction, full sound quality, clear calls, anti-interference, high fidelity, conference calls and video conferences are available at any time, and 360° omnidirectional far-field sound pickup.

Sound Pickup, Comfortable Communication

360° omnidirectional pickup, 3m high-quality pickup distance, no longer close to the conference equipment to speak, allowing you to stand and move freely during long calls.