AV CAVE

All-in-One Video Bar

# SP-1100

4K All-in-One Camera, Microphone Array and Speaker

## One USB cable.
## Camera, mics and speaker.

| 4K30 | 110° | 6 m | 8 W |
|---|---|---|---|
| Ultra HD video | Horizontal field of view (121° diagonal) | Beamforming microphone pickup | Full-range speaker |

**SP-1100** combines a 4K camera, a 4-element beamforming microphone array and a full-range speaker in one unit. It is designed for small and medium meeting rooms, especially 4–6 person huddle rooms, and connects to a computer or display with one USB cable.

1

### All-in-One Design

A 4K camera, beamforming microphones and a full-range speaker in one bar reduce wiring and make video calls easy to set up.

2

### 4K Ultra HD

A 1/2.5" low-noise CMOS sensor with 8.51M pixels delivers 4K (3840×2160) at 30 fps, with 1080P and 720P also supported.

3

### Wide Field of View

121° diagonal (110° horizontal) field of view with 5× digital zoom and a motorized head (pan and tilt ±15°) lets every participant enter the frame.

4

### Speaker Tracking, Auto Framing

Speaker mode (voice tracking) and participant mode frame the people in the room and follow whoever is talking.

5

### Beamforming Mics, Audio 3A

4 beamforming microphones pick up voices up to 6 m away. Built-in AEC, AGC and noise reduction enable full-duplex calls.

6

### Plug and Play, Flexible Mounting

USB 3.0 Type-C video and audio, plus HDMI output. Mount on a table, a wall or a TV / display.

# Specifications

| Item | Specification |
|---|---|
| **Camera** | |
| **Video System** | 4K@30fps, 1080P@60/30fps, 720P@60/30fps |
| **Image Sensor** | 1/2.5" low-noise CMOS |
| **Field of View** | 121° (diagonal), 110° (horizontal), 5× digital zoom |
| **Pan / Tilt / Zoom** | Motorized pan / tilt (MPT) + EPTZ |
| **S/N Ratio** | 55 dB |
| **Image Processing** | Backlight compensation; 2D & 3D digital noise reduction |
| **Auto Tracking** | Speaker mode (voice tracking); participant mode |
| **Audio** | |
| **Speaker** | 96 dB SPL at 0.5 m; 100 Hz–16 kHz; max. output 8 W |
| **Microphone** | 4 × beamforming microphone array; 100 Hz–8 kHz; SNR 65 dB; pickup distance 6 m |
| **USB Audio** | 32 kHz sampling rate, UAC 2.0 |
| **Audio Processing** | U-Sound technology, echo cancellation (AEC), auto gain control (AGC), noise reduction (ANR), full-duplex speakerphone |
| **Extended Microphone** | External USB microphone supported (optional) |
| **USB** | |
| **Operating System** | Windows® 7, Windows 8.1, Windows 10 or later; macOS™ 10.10 or later |
| **Color System / Compression** | H.264 / MJPEG / YUY2 / NV12 |
| **USB Video Protocol** | UVC 1.1–1.5 |
| **Interface** | |
| **Video Output** | 1 × HDMI (1.4), video only |
| **USB** | 1 × USB 3.0 Type-C; 1 × USB 2.0 Type-A |
| **Power Jack** | JEITA type (DC IN 12V) |
| **General** | |
| **Input Voltage** | DC 12V / 2A |
| **Power Consumption** | 24 W (max) |
| **Temperature** | Operating 0°C–40°C; storage −40°C–60°C |
| **Dimensions (W×D×H)** | 600 × 140 × 115 mm (holder included) |
| **Weight** | 2.5 kg |
| **In the Box** | Camera, power adapter, remote control, USB cable, mount kit, quick start guide, warranty card |