



Silex Eye-Clarity VMK-2k

All-in-one Video Media Kit



Silex Eye-Clarity VMK-2k has been designed to fit different working environments. This compact HD all-in-one conference camera system enables users to connect the USB camera to any laptop, then join video calls from office or from home, using the videoconferencing software of their choice. Suitable for small to medium conference rooms, small offices, or home offices, the Eye-Clarity VMK-2k is easy to install and operate. Available with up to three wireless expansion microphones, it allows a flexible coverage of the room.

Main Features

- Crystal clear 1080p images with 2.1 Megapixel camera sensor
- Wide Angle (105 degrees HFOV)
- Built-in speakerphone
- Built-in full duplex omni-directional microphone offering wideband audio
- Up to 3 wireless omni-directional microphones
- Echo Cancellation
- USB Plug & Play, driver-free
- Compatible with most popular videoconferencing software
- ePTZ function with 3x digital zoom
- Picture in picture function with split screen option to show the whole room and a specific person.
- Remote control

Specifications

Video:

- Camera sensor: 1/2.8" SONY CMOS
- Effective pixel: 2.1 Megapixel
- Minimum illumination : 0.5Lux at F2.0
- White Balance : Auto
- Gain control : Auto
- Backlight compensation
- SNR : >50db
- Lens focus: 2.3mm
- Zoom: Fixed Lens with E-PTZ, 3x digital zoom
- Tilt: manual adjustment +- 15 degree
- Horizontal FOV: 105°
- Video output interface: USB2.0
- Video output format: 1080P30, 720P30, 800*600, 640*480, 640*360 - YUY2, MJPEG, H.264

Built-in Speakerphone:

- Power: Double Channels 2x 5W
- Full duplex
- Echo cancelation: Echo cancellation time up to 256ms
- Noise Cancellation: >12dB

Built-in Silicon Microphone:

- Sensitivity: -22dBFS
- Pickup Range: 5m
- SNR: 60dB
- Frequency response: 100Hz - 16kHz
- Sampling frequency: Record:16kHz / Playback: 48kHz

Expansion Microphone:

- Maximum number of microphones connected: 3
- Pickup range: 5m
- Sensitivity: -26dBFS @1kHz 1Pa
- SN: 59dB
- Frequency response: 100Hz - 16kHz
- Sampling frequency: Record: 48Khz
- Wireless transmission mode: 2.4G ISM
- Wireless transmit power: 2.4G: +5dBm

Expansion Microphone Operation:

- Working time: 8hours
- Standby time: 6 months
- Battery: 800MAH
- Charging: USB type c / Charging board contact charging

Control Mode:

- Touch button control: Prompts Terminology/touch panel
- Remote control

Charging Board:

- Maximum number of microphones to charge: 2 pcs
- Interface: USB-Type C
- Input voltage/current: 5V/2A
- Single output current: 600mA

Installation Mode:

- Tripod
- Desktop
- Wall mount (wall mounting kit included)



System Requirements:

- Windows® 7,8.1 or 10od
- MacOS® x 10.10 or higher
- Chrome OS™, Chrome OS™

Power:

- All-in-one device consumption: 9W MAX
- Expansion microphone consumption: 0.2W MAX
- Power adapter all-in-one: DC12V±0.2V,1A
- Power adapter charging board: DC5V±0.2V,2A

Weight and Dimensions:

- All-in-one device size: 400mm×61mm×70mm
- All-in-one device weight: 950g
- Expansion Microphone size: 70x49mm
- Expansion Microphone weight: 300g
- Charging board size: 200mmx100mmx16mm
- Charging board weight:170g

Temperature and Humidity:

- Working temperature: -10°C ~ 40°C
- Environment humidity: 0-95% RH



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