



Silex Eye-Clarity VMK-4k

All-in-one UHD Video Media Kit



Silex Eye-Clarity VMK-4k has been designed to fit different working environments. This compact Ultra 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-4k is easy to install and operate.

With its AI function and up to three wireless expansion microphones, it allows a very flexible audio and video coverage of the meeting area. The camera automatically centers and frames all the participants whenever they enter or leave the room, always offering an optimal capture of the meeting space.

Main Features

- 4K Ultra HD image sensor for crystal clear vivid images
- 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 4x digital zoom
- AI function allows the camera to automatically centre and frame all participants in the room
- Remote control

Specifications

Video:

- Camera sensor: 1/2.5" SONY CMOS
- Effective pixel: 8.0 Megapixel
- Minimum illumination : 0.5Lux at F2.0
- White Balance : Auto
- Gain control : Auto
- SNR : >50db
- Lens focus: 3.24mm
- Zoom: Fixed Lens with E-PTZ, 4x digital zoom
- FOV: 120°(D)/110°(H)/75°(V)
- Video output interface: USB3.0
- Video output format: 3840*2160, 1080P30, 720P30, 640*480, 640*360 – USB3.0: YUY2, NV12, MJPEG, H.264

Built-in Speakerphone:

- Power: Double Channels 2x 5W
- Full duplex
- Echo cancellation: Echo cancellation time up to 256ms
- Noise Cancellation: >20dB

Built-in Silicon Microphone:

- Sensitivity: -26dBFS
- 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: 14W 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



© 2021 SillexPro. All rights reserved. SillexPro and any SillexPro product or service name or logo used herein are trademarks of SillexPro. All other trademarks used herein belong to their respective owners. The trademarks and logos displayed herein may not be used without the prior written consent of SillexPro or their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient's personal use, without the express written permission of SillexPro.

www.Sillexpro.com