2SEE

VDO360

PERSONAL VISUAL COLLABORATION CAMERA
With a four element Beamforming Microphone array

VDO360 introduces their new USB HD Video Camera the 2SEE (SKU VDOS4M), which combines a 1080p camera with far-field voice pick up technology. The 2SEE includes a four microphone array system to provide excellent true voice pick up.

Based on the AI VocalFusion algorithm, the 2SEE series HD Color Video Camera uses Acoustic Echo Cancellation (AEC) and Automatic Noise Suppression(ANS) technologies to get 8 meters of far-field voice pick up, The 2SEE also utilizes the most advanced video processing technology through an Omnivision low-light full HD imaging sensor 1080P HD for image capture.

Specifications：

2SEE
- 2.1 million pixels，1/2.7"HD color CMOS
- 4K/15fps 1080@30fps, 720@30fps
- 4 Digital microphones, 8 meter range for voice
- Automatic Echo Cancel (AEC) and Automatic Noise Suppression(ANS) technologies
- Automatic Gain Control (AGC),
- USB2.0 interface plug and play
- 1 year manufacturer's warranty

Dimensions：

150mmX60mmX30mm (5.9"X2.4"X1.2")- 206g (7.25 oz)

Technical Parameters

Total Pixels	2 million pixels	Mic array quantity	4
Lens Size	1/2.7 inch	Mic Array Form	linear
Pixel Size	3um	Mic Distance	40mm
Image area	5.85mm×3.27mm	Mic Specification	Digital Mic
Maximum effective pixel	1920（H）×1080（V） 2.1 million pixels	Sampling rate	16KHz/48KHz
Output image format	MJPG and YUY2	Sensitivity	-29dBFs
Resolution	1920*1080@30fps 1280*720@30fps 640*480*30fps	Far-field Distance	0 ~ 8 meters
SNR	39dB	Horizontal Voice Pickup	Horizontal 180°
Dynamic Range	69dB	SNR	65.5dB
Sensitivity	0.65V/lux-sec@550nm	Communication Mode	full duplex
Minimum illumination	0.5lux	AEC	Up to 50dB
Interface type	USB 2.0 High Speed	Noise suppression	Up to 15dB
Driver	USB Video Class(UVC)		
AIC	Automatic Exposure (AE） Auto White Balance (AWB） Automatic Gain Control （AGC） Dynamic Black Level Calibration （ABLC)		
OS Support	WinXP/Vista/Win7/Win8/Win10 Linux with UVC（above linux-2.6.26） MAC-OS X 10.4.8 or later WinCE with UVC Android 4.0 or above with UVC		
Field of view	75°(W)		
Power	USB 5V		

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