Navigator AI (NavAI)

VDO360

VDONAI, AI driven USB camera

The Navigator AI (NavAI) is a 4K USB camera that has amazing clarity and color- and an industry leading auto-framing solution that works so smoothly and reacts so quickly that it can be used as an auto-tracking camera solution! Not only is it a revolutionary product in that feature but it comes in a literally rock-solid form factor of a 1 ½" milled aluminum cube.

Features:

The NavAi brings ease of use and natural vision framing/tracking to the modern workspace or classroom.

Wide angle view with less than 2% distortion.

Smooth and swift motion to adjust for number of people in a room or for use as a tracking camera solution.

Desktop control for Digital PTZ for when you wish to frame the image without AI use.

Dual microphones- for best results use within 2M

Enterprise grade construction, milled from solid aluminum billet.

NavAI Specifications

Product	4K USB Webcam
Dimensions	38*38*44.6mm, 1.5*1.5*1.8 in
Image Sensor	1/2.8-inch, Effective Pixels: 8M Pixel
FOV	120° +- 2° tolerance
Interface	USB-C
ISP	AE, AWB, AGC
Video Resolution	MJPG: 3840*2160@30, 2560*1440@30, 1920*1080@30, 1280*720@30, 1024*576@30, 640*480@30 H.264/H.265: 3840*2160@30, 2560*1440@30, 1920*1080@30, 1280*720@30, 1024*576@30, 640*480@30 YUY2/NV12: 1280*720@15, 1024*576@20, 640*480@30
Video Formats	MJPEG, YUY2, H.264, H.265, NV12
Driver	Driver-free, "in box" UVC1.5
Parameter settings	Brightness, Contrast, Saturation, Sharpness, AWB, Gamma, Exposure, Backlight Compensation, Gain
MIC	2mics, pick up range 4 meters, Recommend 1-2meters for higher quality
Tripod use	Yes
Auto framing	Yes, on chip
ePTZ tracking	Yes, on chip
UVC Control	UVC 1.5
Working current	100mA-150mA
Operating temperature	-10-50°
Storage temperature	-40-70°C
Support System	Windows/Mac OS/Linux/Android
Weight	Approx. 80 grams/2.82 oz
Lens Cover	Yes