



MD100UI

Ultra-Wide View USB Camera

Datasheet



Product Specifications

Camera			
Image Sensor	1/2.8" 4K Sony Exmor CMOS, 8MP	Power Consumption	15W
Effective Picture Elements	8 Megapixels	Dimensions (W x H x D)	160 x 37 x 60 mm
Output Resolutions (16:9)	4K/30, 4K/15, 1080p/60, 1080p/30, 1080p/15, 1080i/60, 1600 × 900/60, 1600 × 900/30, 1600 × 900/15, 720p/60, 720p/30, 720p/15, 960 × 540/60, 960 × 540/30, 960 × 540/15, 800 × 448/60, 800 × 448/30, 800 × 448/15, 640 × 360/60, 640 × 360/30, 640 × 360/15, 484 × 480/60, 484 × 480/30, 484 × 480/15	Net Weight	0.28 kg ±0.1 kg
		Mounting	Integrated Monitor Mounting Clip
		Application	Indoor
		Security	Kensington Slot
Output Resolutions (4:3)	1280 × 960/60, 1280 × 960/30, 1280 × 960/15, 800 × 600/60, 800 × 600/30, 800 × 600/15, 640 × 480/60, 640 × 480/30, 640 × 480/15	Remote Control	Infrared
		Operating Conditions	Temperature: 0 °C to +40 °C, Humidity: 20% to 80%
		Storage Conditions	Temperature: -20 °C to +60 °C, Humidity: 20% to 80%
Viewing Modes	180° Panoramic View / Dewarped View	USB	
Minimum Illumination	0.5 lux (IRE50, F2.4, 30fps)	Connector	USB 3.2
S/N Ratio	≥ 50 dB	Video Format	H.264, YUV, MJPEG
Gain	Auto	Audio Format	PCM
TV Line	1400 (Center)	Maximum Video Resolution	4K 60 fps
Shutter Speed	Auto	USB Video Class (UVC)	UVC 1.1
Exposure Control	Auto	USB Audio Class (UAC)	UAC 1.0
White Balance	Auto, Manual	Plug and Play	Yes (Driver-Free)
Digital Zoom	5X	Web UI	
Total Zoom	5X	Live Video Preview	Yes
Viewing Angles	DFOV: 180° HFOV: 180° VFOV: 96°	Camera/Image Adjustment	Exposure, White Balance, Mirror
		AVer AI Technologies	
		Onboard AI	Yes
Minimum Focus Distance	60 cm	Video AI	Smart Composition, SmartFrame
Preset Positions	Up to 128	Audio AI	Audio Fence
Camera Control - Interfaces	USB	Software Tools	
Camera Control - Protocols	USB	Room Management	Supports Windows® 7 or later, macOS® 11.6 or later
Image Processing	WDR, 3D/2D Digital Noise Reduction	ViewCare	Support Windows® 10 or later
Power Frequencies	50 Hz, 60 Hz	Compatibility	
Microphones		Software & Apps	Zoom, Microsoft® Teams, Google Meet™, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect, Cisco Webex®, Fuze, GoToMeeting™, Vidyo, vMix, WebRTC, Wirecast, XSplit
Built-in Microphones	Yes (Omnidirectional Microphones x 2)		
Pickup Range	5 Meters		
Sensitivity	-37 ±1dB FS		
Frequency Response	100 Hz to 12 KHz	Certification	
Acoustic Echo Cancellation (AEC)	Yes	Medical EMC Compliance	IEC 60601-1-2
Automatic Gain Control (AGC)	Yes	Warranty	
Noise Suppression	Yes	Camera	3 Years
Sample Rates	48 KHz	Accessories	1 Year
Interfaces		Country of Origin	
USB	USB 3.1 Type-C x 1 (USB 2.0 backward compatible)	Taiwan	
General		Package Contents	
Power Source	USB Bus Power via USB Type-C	MD100UI, USB 3.1 Type-C to C Cable	
Power Requirement	DC 5V/3A		

* Specifications may vary depending on location and are subject to change without notice.

Product Appearance

Front



Back



©2026 AVer Information Inc. All rights reserved.
All brand names and logos are trademarks of their respective companies.

www.aver.com

Distributor