



CARING WITHOUT LIMITS

AVer MD330UI

Medical Grade PTZ Camera 





AVer MD330UI is specially designed and medically certified for Telemedicine with the IEC 60601-1-2 Medical Certification. The 30X optical zoom lens with 4K output resolution delivers superb image quality. AI Noise Reduction offers a face-to-face communication experience for patients and doctors. A first in the industry, the detachable camera head makes 360-degree angle close-up shooting and snapshots possible. The MD330UI is available for infrared night view, delivering care 24/7.



30X Optical
Zoom



4K Output
Resolution



Speedy Focus



Wide Angle PTZ



Handheld
Camera Head



Short Working
Distance



One-Click
Pan-Tilt



One-Button
Snapshot



IR for Night View



Medical
Certifications

Revolutionary Detachable Head Design

The detachable camera head design is a true revolution in telemedicine – not only can the doctor make use of the motorized remote controlled PTZ functionality, the near-site medical assistant can also simply detach the camera from the base and easily give the doctor a clear view of any difficulties to capture area of interest.



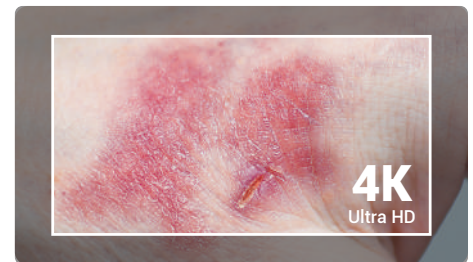
Unparalleled 30X Optical Zoom Capability

The 30X optical zoom lens picks up even the smallest of details for the doctor to precisely diagnose, thanks to a superior autofocus, zoom speed and speedy camera movements.



Outstanding 4K Resolution

The MD330UI delivers ultra-clear 4K resolution imagery of the patient to the doctor and works together with the excellent 30X optical zoom to allow doctors to make accurate remote diagnoses.



AI Acoustics

With an integrated speakerphone and microphone, the MD330UI is equipped with an all-in-one audio system. AVer's in-house AI Noise Deduction technology makes communication smooth and telemedicine sessions stress free.



Medical Grade Certification

The IEC 60601-1-2 medical certification not only ensures stability and safety of the MD330UI, but also guarantees the compatibility of other medical grade devices with the MD330UI.



Product Specifications

Camera		Speaker	
Image Sensor	1/2.8" 4K Exmor CMOS	Embedded Speaker	Yes
Effective Picture Elements	8 Megapixels	SPL	77 dB SPL (1W / 1m)
Output Resolutions	4K/30 (IP/UVC), 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50, 720p/30	Maximum SPL	90 dB SPL at 0.5 m
		Microphone	
		Built-in Microphone	2 (Omnidirectional)
Minimum Illumination	0.7 lux (IRE50, F1.6, 30fps)	AI Noise Reduction	Yes
S/N Ratio	≥ 50 dB	Pickup Range	5 m
Gain	Auto, Manual	Sensitivity	-33 dBFS
Shutter Speed	1/1 to 1/10,000 sec	Frequency Response	20 Hz to 20 KHz
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Maximum SPL	133 dB SPL at 0.5 m
White Balance	Auto, Manual	Loop Recording	
Optical Zoom	30X	Resolution	Up to 4K
Viewing Angles	DFOV : 75.5° (Wide) to 3.1° (Tele) HFOV : 68.0° (Wide) to 2.7° (Tele) VFOV : 41.7° (Wide) to 1.5° (Tele)	Length of Video	5 minutes
		Recording Modes	Loop & continuous
		Loop Mechanism	Wipe the oldest clip
Focal Length	f = 4.3 mm (Wide) to 129 mm (Tele)	IP Streaming	
Aperture (Iris)	F = 1.6 (Wide) to 4.7 (Tele)	Resolution	4K 30fps
Minimum Working Distance	0.01 m (Wide), 1.2 m (Tele)	Network Video Compress Formats	H.264, H.265
Pan / Tilt Angles	Pan : ±170°, Tilt: +90° / -35°	Maximum Frame Rate	4K 30fps
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt: 0.1° to 100° / sec	Network Interface	10 / 100 / 1000 Base-T
Preset Speed	Pan : 200° / sec, Tilt: 200° / sec	Multi-Stream Capability	2 (RTSP / Web Page), 4K 30fps (max.)
Preset Positions	10 (IR), 256 (RS-232 / IP)	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP
Camera Control - Protocols	VISCA (RS-232 / IP), CGI (IP)		
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC		
Power Frequencies	50 Hz, 60 Hz	USB	
Interface		Connector	USB 3.0
Video Outputs	HDMI, IP, USB	Video Format	MJPEG、YUY2
Audio Outputs	HDMI, IP, USB	Audio Format	PCM
General		USB Video Class (UVC)	UVC 1.1
Power Requirement	AC 100 - 240V to DC 12V / 3.34A	USB Audio Class (UAC)	UAC 1.0
Power Consumption	36W	Software Tools	
Dimensions (W x H x D)	168 x 205 x 126 mm	IP Search and Configuration Tool	Support Windows® 7 or later
Net Weight	1.95 kg	Warranty	
Application	Indoor	Camera	3 Years
Tally Lamp	N / A	Accessories	1 Year
Security	Kensington Slot	Package Contents	
Remote Control	Infrared	Camera, Remote Control, Power Adapter, Power Cord, 1/4"-20, L=7.5mm Screw (x2), USB 3.0 Type-B to A Cable (1.5m), On-Camera Lens Cable (Standard, 180 cm), Short Lens Cable (45 cm), Quick Start Guide	
Operating Conditions	Temperature : 0 °C to +35 °C; Humidity : 20% to 80%		
Storage Conditions	Temperature : -20 °C to +60 °C; Humidity : 20% to 95%		

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

Product Appearance

Front



1. Detachable Camera Head
2. Speaker
3. Microphone Array
4. LED Indicator
5. Mode Switch Button

Back



1. RJ45
2. USB 3.0 Type-B
3. HDMI
4. USB Type-A
5. microSD Card Slot
6. RS-232
7. DC 12V
8. Kensington Slot

Detachable Camera Head



1. Snapshot Button



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