



**REIMAGINING
TELEHEALTH
DELIVERY**

AVer MD720UIS

Medical Grade All-in-One PTZ Camera



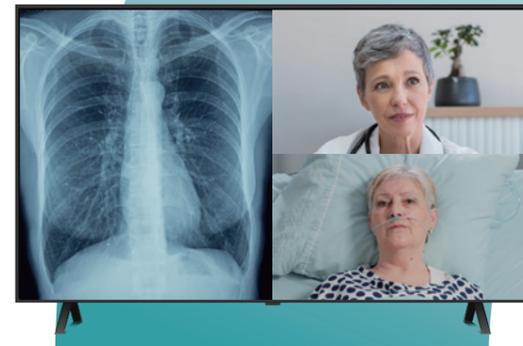
AVer MD720UIS

An AIO Solution with Unlimited Possibilities

Embedded with an Android™ operating system, Edge-AI capabilities, and a high-quality two-way audio system, the MD720UIS is more than just a PTZ camera; it becomes a powerful tool supporting various healthcare applications beyond telemedicine, facilitating better care and offering unlimited possibilities for telehealth delivery.

- 20X+ Zoom
- 4K Ultra HD
- Android™ Inside
- Two-Way Audio
- Edge-AI Support
- Versatile Connectivity
- Voice Control
- Auto IR Night View
- Privacy Mode
- Medical Grade Certification

* Android is a trademark of Google LLC.



Android™ Inside



Enhances AI-Driven Healthcare

Equipped with an operating system and powerful chipset for edge computing, the MD720UIS can support AI Edge Computing for various healthcare applications, from monitoring, diagnostics assistance and beyond.

Expands Healthcare Applications

With an embedded Android operating system, the MD720UIS can install and run multiple apps with PIP or POP settings. Along with its embedded two-way audio, it supports various healthcare applications beyond telemedicine, creating unlimited possibilities for healthcare delivery.

Supports Peripheral Medical Devices

The versatile connectivity of the MD720UIS allows it to connect with various peripheral medical devices, such as wireless ultrasound unit, otoscope, blood pressure monitor, etc., enabling access to images and data on a TV / monitor.

Ensures Patient Safety

The MD720UIS' s **IR Night Vision function** enables 24/7 monitoring. Moreover, its **AI Fall / Bed Egress function** ensures immediate alerts to caregivers, allowing rapid response and thereby enhancing patient safety.

Protects Privacy in Ward

The MD720UIS features a **Local Privacy Mode** that turns off the transmission of both audio and video, ensuring no information leaves the room. Additionally, its **Mosaic function** can automatically detect and apply a mosaic effect to the bodies/faces within the field of view.

Product Specifications

Operating System		Remote Control	
Operating System	Android™	Operating Conditions	Infrared Temperature: 0 °C to +40 °C ; Humidity: 20% to 80%
Camera		Storage Conditions	
Image Sensor	1/2.8" CMOS	Temperature: -20 °C to +60 °C ; Humidity: 20% to 95%	
Effective Picture Elements	8 Megapixels	Audio	
Output Resolutions	4K/30p, 1080p/60, 1080p/30, 1080p/25, 720p/60, 720p/30, 720p/25	Embedded Speaker	Yes
Minimum Illumination	0.5 lux (IRE50, F1.6, Max. AGC, 1/30)	Microphone	Yes, Microphone Array
S/N Ratio	≥ 50 dB	AI Noise Reduction	Yes
Gain	Auto, Manual	Interface	
Shutter Speed	1/1 to 1/10,000 sec	Video Outputs	HDMI, IP, USB-C (Rear)
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Audio Outputs	HDMI, IP, USB-C, Line-out (Rear) *May vary depending on actual application scenarios
White Balance	Auto, Manual	IP Streaming	
Optical Zoom	20X	Resolution	4K 30fps
Viewing Angles	DFOV: 69.2° (Wide) to 4.1° (Tele) HFOV: 62.3° (Wide) to 3.6° (Tele) VFOV: 37.3° (Wide) to 2.1° (Tele)	Network Video Compress Formats	H.264, H.265
Focal Length	f = 4.5 mm (Wide) to 90 mm (Tele)	Maximum Frame Rate	4K 30fps
Aperture (Iris)	F = 1.8 (Wide) to 4.7 (Tele)	Network Interface	10 / 100 / 1000 Base-T
Minimum Working Distance	0.1 m (Wide) , 1.2 m (Tele)	Multi-Stream Capability	2 (RTSP / Web Page), 4K 30fps (max.)
Pan / Tilt Angles	Pan: ±170°, Tilt: +90° / -90°	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, VISCA over IP
Pan / Tilt Speed (Manual)	Pan: 0.1° to 100° / sec, Tilt: 0.1° to 100° / sec	USB	
Preset Speed	Pan: 200° / sec, Tilt: 200° / sec	Connector	USB 3.0
Preset Positions	256 (IP / USB)	Video Format	MJPEG/YUY2
Camera Control - Protocols	VISCA (IP), CGI (IP)	USB Video Class (UVC)	UVC 1.1
Image Processing	Mirror / Flip / Freeze / WDR / BLC	USB Audio Class (UAC)	UAC 1.0
Power Frequencies	50 Hz, 60 Hz	Web UI	
AI Functions		Live Video Preview	Yes
Modes	Face / Eyes Tracking, Fall / Bed Egress Detection	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Privacy		Camera / Image	Exposure, White Balance, Image Process
Protection Mode	Local Privacy Mode, Mosaic Function	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
General		Software Tools	
Power Requirement	AC100-240V to DC 12V / 5A and above	IP Search and Configuration Tool	Supports Windows® 7 or later
Power Consumption	40W	ViewCare	Supports Windows® 7 or later
POE	POE++ (IEEE 802.3bt)	PTZ Management	Supports Windows® 7 or later
Dimensions (W x H x D)	273.57 x 233.4 x 160 mm	PTZ Control Panel	Supports iOS & iPadOS® 11 or later
Net Weight	3kg	Warranty	
Application	Indoor	Camera	3 Years
Privacy indicator light	Yes	Accessories	1 Year
Security	Kensington Slot	Package Contents	
Camera, Remote Control, Power Adapter, Power Cord, Cable Fixing Plate, Cable Tie (x6), M2 x 4mm Screw (x2), Quick Start Guide			

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

Product Appearance

Front



- 1 Privacy Indicator
- 2 IR Night Vision
- 3 Anti-UV Housing
- 4 Microphone Array
- 5 LED Indicator
- 6 Speaker

Back



- 1 Kensington Lock
- 2 DC 12V
- 3 USB Type-C (UVC / UAC output, control)
- 4 HDMI Out
- 5 HDMI In
- 6 Audio In
- 7 Audio Out
- 8 USB Type-A (Wifi Dongle)
- 9 Ethernet Port
- 10 POE++

Side



- 1 USB Type-A (Keyboards/Mouse/OTG)
- 2 USB Type-C (UVC-In)



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