



MD330U MD330UI

Medical Grade PTZ Camera
30X 4K Camera with Embedded Audio



The Perfect Camera For Today's Healthcare

The MD330 is a highly versatile medical grade camera that can be utilized in various settings such as Tele-ICU patient monitoring or a Telehealth conferencing PTZ camera for a mobile cart. Coupled with a 4K sensor and removable camera head, healthcare professionals can get close up images of patients at different angles wherever they are providing care. An embedded audio system with speakerphone and noise reduction supports clear communications.

Our industry-leading AVerCare warranty program offers 3 years protection.



30X Optical Zoom



Handheld Camera Head



One-click Pan-Tilt



One-button Snapshot



IR for Night View



Medical Certifications



Features:

Use for Patient Monitoring or Telehealth Conferencing
4K Output Resolution
Smart AI – SmartFrame, Noise Reduction
Infrared for Night View or LED for Illumination

Embedded Audio System – Speakerphone
Detachable Handheld Camera
Medical Grade EN60601-1

30X Optical Zoom, High Resolution & Wide Pan-Tilt Angles

The PTZ Camera clearly captures and shares vital signs & statistics with medical professionals.



Regular Mode



User Scenario

- See patients and environments altogether in a broad view
- Pan, tilt and zoom to look into details

Advantages

- 30X optical zoom
- Up to 4K output resolution
- One-click to control PTZ functions
- Great tilt capability to take as much as patient's body
- Built-in audio system with AI noise reduction technology
- Rapid speed of focus

Detached Mode



User Scenario

- Check wound areas that cannot be seen in regular mode
- Get closer images
- Overcome the limitation of remotely control through the internet
- Different viewing angles

Advantages

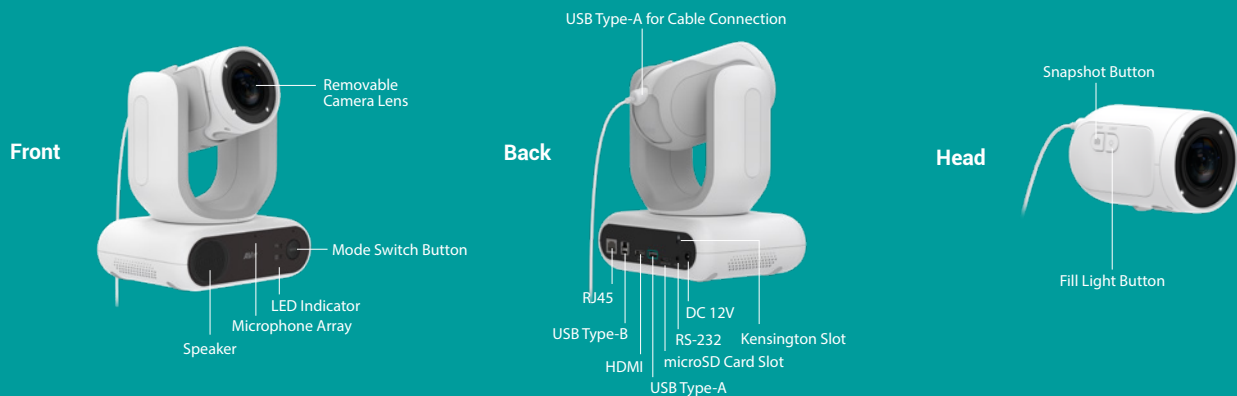
- Turn into handheld camera in 1 second
- See details in short working distance (1cm @1X)
- Auto focus function
- One-click photo shooting with high resolution image
- Place the camera head wherever you want
- Support IR LED module for night view

Product Specifications

Camera	Image Sensor	1/2.8" 1080p Exmor CMOS	General	Power Requirement	AC 100 - 240V to DC 12V/3.34A	
	Effective Picture Elements	8MP		Power Consumption	36W	
	Output Resolution	4K/30 (IP / UVC), 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/50, 720p/60, 720p/59.94, 720p/50		Dimensions (W x H x D)	168.0 x 203.0 x 124.0 mm	
	Minimum Illumination	0.7 lux (IRE50, F1.6, 30fps)		Net Weight	1.65kg	
	S/N Ratio	≥ 50 dB		Application	Indoor	
	Gain	Auto, Manual		Tally Lamp	N/A	
	Shutter Speed	1/1 to 1/10,000 sec		Security	Kensington Slot	
	Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR		Remote Control	Infrared	
	White Balance	Auto, Manual		Operating Conditions	Temperature: 0 °C to +35 °C ; Humidity: 20% to 80%	
	Optical Zoom	30X		Storage Conditions	Temperature: -20 °C to +60 °C ; Humidity: 20% to 95%	
	Digital Zoom	3X		IP Streaming	Resolution	4K 30fps
	Viewing Angles	DFOV: 72.9° (Wide) to 2.64° (Tele) HFOV: 65.1° (Wide) to 2.34° (Tele) VFOV: 38.4° (Wide) to 1.36° (Tele)			Network Video Compress Formats	H.264, H.265
	Focal Length	f = 4.3 mm (Wide) to 129 mm (Tele)			Maximum Frame Rate	4K 30fps
	Aperture (Iris)	F = 1.6 (Wide) to 4.7 (Tele)			Network Interface	10 / 100 / 1000 Base-T
	Minimum Working Distance	0.01 m (Wide), 1.2 m (Tele)		Multi-Stream Capability	2 (RTSP / Web Page), 4K 30fps (max.)	
	Pan/Tilt Angles	Pan: ±170°, Tilt: +90° / -35°		Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP	
	Pan/Tilt Speed (Manual)	Pan: 0.1° to 100° / sec, Tilt: 0.1° to 100° / sec		USB	Connector	USB 3.0
	Preset Speed	Pan: 200° / sec, Tilt: 200° / sec			Video Format	MJPEG, YUY2
	Preset Postition	10 (IR), 256 (RS-232 / IP)			Audio Format	PCM
Camera Control - Protocols	VISCA (RS-232 / IP), PELCO-D & PELCO-P (RS-232), CGI (IP)	USB Video Class (UVC)	UVC 1.1			
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	USB Audio Class (UAC)	UAC 1.0			
Power Frequency	50 Hz, 60 Hz	Software Tools	IP Search and Configuration Tool	Support Windows® 7 or later		
Audio	Embedded Speaker		Yes	PTZ Monitoring and Management	AVer PTZ Management	
	Microphone	Yes, Array Microphone	Warranty	Camera	3 Years	
	AI Noise Reduction	Yes		Accessories	1 Year	
Interface	Video Outputs	HDMI, IP, USB	Ordering Info	Part Number	PATMD330U (MD330U - Camera with Built in LED) PAMD330UI (MD330UI - Camera with Built in Infrared Light)	
	Audio Outputs	HDMI, IP, USB		Package Contents	Camera, Remote Control, Power Adapter, Power Cord, Screws (x2), USB Cable, Quick Start Guide	

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

Hardware Specifications



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