



AVerVision M90UHD

Mechanical Arm Visualizer
(Document Camera)



SEE A WORLD IN A GRAIN OF SAND

The M90UHD is a visualizer with an impressive lineup of features that include a 13-megapixel camera, 4K imaging, and a transcendent 322X total zoom capacity. These characteristics help teachers demonstrate all types of materials in an extraordinarily vivid way. What's more, instinctive function buttons, an extendable arm, and AVerTouch software allow teachers of any subject to create fantastic collaborations in next to no time.



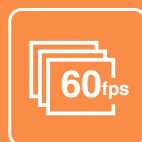
14X
Optical Zoom



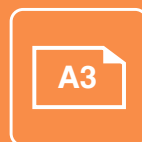
4K Ultra HD



13 MP



60fps



A3
Shooting Area



HDMI / VGA / USB
Outputs



5-Year
Warranty

The Only 322X Total Zoom

Equipped with a 14X optical and 23X digital zoom, the M90UHD's amazing 322X total zoom buries the competition. Every student—even the ones in the back row—can enjoy a wonderful learning journey without missing a single detail.



Splendid 4K Image Quality

Ultra HD output resolution and 13 megapixels display every subtle detail of topographical maps, chemical experiments, stereo models, and more. This clarity improves teaching quality and enhances student comprehension.



One-Push Recording, Capturing, and Playback

Intuitive recording and capturing enable users to record the complete teaching process with one button. Also, the playback function lets teachers review their lessons and examine student behavior to successfully prevent any accidents.



Massive A3 Shooting Area

A larger than A3-size shooting area captures items as big as building models. In addition, the position indicator on the camera head helps teachers always display materials accurately.



Multiple Ports Fit Any Device

With HDMI, VGA, and USB jacks available, users can connect the M90UHD to any display or computer and use the devices they're most familiar with to teach.








AVerTouch Software Take Your Ideas Anywhere

AVerTouch is ultra-powerful software designed exclusively for AVer visualizers. One touch connects your visualizer with mobile devices for content sharing, and you can sync to the cloud to automatically save annotated, captured, and recorded files. Teaching is incredibly fun when you use AVerTouch to engage with your students.



With the M90UHD, you can display...





-  Film slides / Filmstrips
-  Real-time movements
-  Documents
-  3D objects
-  X-rays

INPUT →



→ OUTPUT

Show images to your audience through...

-  Interactive flat panel
-  TV monitor
-  Projection screen
-  Digital monitor

Product Specifications

Image Sensor	1/3.06" CMOS	Light Source	Embedded LED Lamp
Total Pixels	13 Megapixels	HDMI I/O	1 in; 1 out
Output Resolution	4K, Full HD 1080p 60Hz, HD 720p 60Hz	VGA I/O	1 in; 1 out
TV Lines	1,400	USB 2.0 Ports	Type-A x 1 (USB Thumb Drive) Type Mini-B x 1 (PC)
Zoom	322X Total Zoom (14X Optical Zoom x 23X Digital Zoom)	Audio	Line out (3.5 mm), Mic in (3.5 mm), Built-in Mic
Frame Rate	60fps (max.)	Security	Kensington Slot
Focus	Auto / Manual	RS-232 Port (Optional)	Mini-DIN Jack (Available for M90UHD with RS-232 Only)
Shooting Area	A3 (420 x 315 mm max.)	Dimensions (W x D x H)	Operating: 159.0 x 481.3 x 469.9 mm Folded: 176.0 x 319.0 x 112.0 mm
Image Rotation	Electronic: 0°, 180° Mechanical: 0°, 90°, 180° (Camera Head)	Net Weight	2.2 kg (4.85 lbs.)
Internal Storage	200 Pictures at XGA (1024 x 768)	Power Source	DC 5V / 3A AC 100 to 240V, 50 / 60Hz
External Storage	Micro SD Card & USB Thumb Drive (FAT32 / 32 GB)	Power Consumption	10 Watts (Lamp on), 9 Watts (Lamp off)
One-touch Recording	Yes	Warranty	Visualizer: 5 Years Accessories: 1 Year
One-touch Capturing	Yes	Software	AVerTouch
Image Effects	Color, B&W, Negative	Windows® OS	Windows® 7, 10
Image Adjustments (White Balance / Exposure)	Auto / Manual	Mac® OS	Mac® 10.13 or Later
Display Modes	Normal, Motion, High Quality, Microscope, Macro, Infinity	Chrome™ OS	Chrome™ OS 75 or Later (Available via the Sphere Lite App Only)
Capture Modes	Single, Continuous	Package Contents	M90UHD Unit, USB Cable, VGA Cable, Power Adapter (5V / 3A), Power Cable, Remote Control with AAA Batteries x 2, Warranty Card, Quick Start Guide, CD
User Profiles	Yes, up to 3		
Timer	Yes		
Flicker Filter Control	Yes		
ePTZ	Yes		

* Available in non-USA markets only.

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

Product Appearance

Front



Right Panel



Rear Panel



Left Panel



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Distributor/Dealer