AVerVision M90UHD

Mechanical Arm Visualiser
(Document Camera)

SEE A WORLD IN A GRAIN OF SAND

The M90UHD is a visualiser 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.
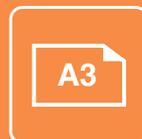
| 14X Optical Zoom | 4K Ultra HD | 13 MP | 60fps | A3 Shooting Area | HDMI / VGA / USB Outputs | 5-Year Warranty |

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 visualisers. One touch connects your visualiser 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

Part no.   61PM500000AB (EU & UK sku)
EAN code   4719552126309

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)		
Frame Rate	60fps (max.)	Audio	Line out (3.5 mm), Mic in (3.5 mm), Built-in Mic
Focus	Auto / Manual	Security	Kensington Slot
Shooting Area	A3 (420 x 315 mm max.)	RS-232 Port (Optional)	Mini-DIN Jack (Available for M90UHD with RS-232 Only)
Image Rotation	Electronic: 0°, 180° Mechanical: 0°, 90°, 180° (Camera Head)	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
Internal Storage	200 Pictures at XGA (1024 x 768)		
External Storage	Micro SD Card & USB Thumb Drive (FAT32 / 32 GB)	Net Weight	2.2 kg (4.85 lbs.)
One-touch Recording	Yes	Power Source	DC 5V / 3A AC 100 to 240V, 50 / 60Hz
One-touch Capturing	Yes		
Image Effects	Color, B&W, Negative	Power Consumption	10 Watts (Lamp on), 9 Watts (Lamp off)
Image Adjustments (White Balance / Exposure)	Auto / Manual	Warranty	Visualiser: 5 Years Accessories: 1 Year
Display Modes	Normal, Motion, High Quality, Microscope, Macro, Infinity	Software	AVerTouch
Capture Modes	Single, Continuous	Windows® OS	Windows® 7, 10
User Profiles	Yes, up to 3	Mac® OS	Mac® 10.13 or Later
Timer	Yes	Chrome™ OS	Chrome™ OS 75 or Later (Available via the Sphere Lite App Only)
Flicker Filter Control	Yes		
ePTZ	Yes	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
Optional accessories	Microscope Adaptor, Connecting Plate for Microscope Adaptor, Anti-Glare Sheet, Carrying Bag, RS-232 Cable		

* Available in non-USA markets only.
** Specifications may vary depending on location and are subject to change without notice.

Product Appearance

Front
- Light
- Camera

Right Panel
- Audio Out
- MIC In
- Mini USB 2.0 for PC
- VGA Out
- VGA In
- USB Port

Rear Panel
- HDMI In
- HDMI Out
- Kensington Slot
- DC 5V

Left Panel
- SD card Slot

Distributor/Dealer

www.avereurope.com

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