

AVer M70HD

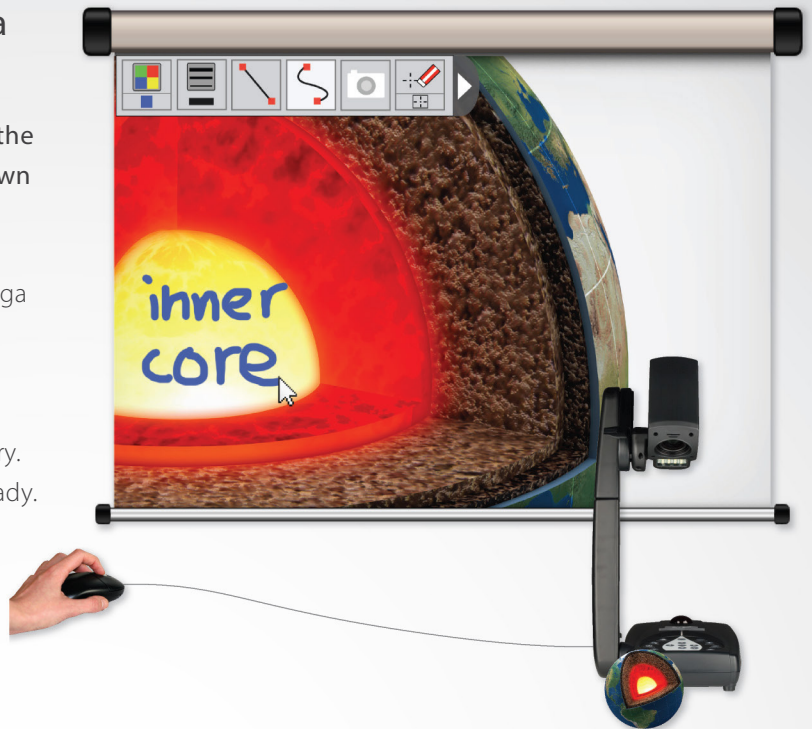


Portable mechanical arm document camera

The most comprehensive feature set

Core matters. That's why the M70HD is a true workhorse at the core. With 5MP, 192X zoom, onboard annotation, it gets down into the nitty-gritty.

- **5MPs, 192X zoom and HDMI:** Megapixels. Mega Images. Mega WOWS.
- **Mechanical arm:** Swivel in all directions.
- **Annotate without a computer:** Just add a mouse.
- **Audio/video recording:** USB flash drive and onboard memory.
- **AVer Academy Suite:** PowerPoint™, social media and IWB ready.
- **America's best doc cam warranty program.**



Why choose the M70HD?



Mechanical arm

With fully adjustable locking pieces, the neck and head of the M70HD are built to easily rotate, swivel, expand and collapse to see from any angle. It's also an undercover web camera, video camera, digital camera.



Zoom wayyyy down

192X zoom (12X Optical). Zero in on the smallest print and illustrations. Can you find the tiny owls or spiders hidden on the front of the dollar bill?



Draw and make digital notes

Plug in a USB mouse or AVer's AP20 interactive pen right into the M70HD (no computer needed) and draw arrows, highlight, write notes and more on any displayed image. Outer core, Mantel – you've just added notes to a 3-D object. How cool is that?



AVer Academy Suite

Your classroom has many technologies – IWB, tablet, PC, MAC – and with the AVer Academy Suite, the M70HD flawlessly integrates into each of them. Insert a live M70HD image into MS PowerPoint™, IWB software and even upload recorded videos to YouTube™, Dropbox™ and more.



America's best doc cam warranty program

The M70HD has the industry's only 5-year bumper-to-bumper (all-inclusive) doc cam warranty with 5-year free 2-way RMA shipping and 5-year worry-free standard advanced replacement program.

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

Specifications

Image

Sensor	1/3.2" CMOS
Pixel Count	5 megapixels
Effective Pixel	2592 H x 1944 V
Frame Rate	30 fps (max.)
White Balance	Auto / Manual
Exposure	Auto / Manual
Image Mode	Sharp / Graphics / Motion / Microscope / Macro / Infinite
Effect	Color / B/W / Negative / Mirror / Rotate / Freeze
RGB Output	1920x1080, 1600x1200, 1280x1024, 1280x720, 1024x768
HDMI Output	HD 1080p; HD 720p
Composite Output	720x480 (NTSC)

Optics

Focus	Auto / Manual
Shooting Area	Max. 16.54" x 12.4" (420mm x 315mm)
Zooming	12X Optical + 16X Digital Zoom (Total = 192X)

Function

Image Effect	Color / B&W / Negative / Mirror / Reverse / Freeze
White balance/exposure/night view	Auto / Manual
Picture-in-picture	Yes
Split Screen	Yes
Presentation Tools	Spotlight (Yes), Visor (Yes)
Capture Mode	Single / Continuous
Remote Control	Yes
Image Storage	240 Frames(XGA) ; 80 Frames(5M Pixel)
Onboard AV Recording	Yes, SD/SDHC/USB
Onboard Annotation	Yes, works with any HID device (eg. Mouse, AP20T Interactive Pen)

Compatibility

Operating Systems	Windows 7 (32/64 bit), Windows 8 (32/64 bit), Windows 10 (32/64 bit), Mac OS X 10.9 or above (Intel based), Chrome OS 29 or above
AVer Software	AVer Sphere 2, PowerPoint Plug-in, Flash-Plug-in, AVer Sphere Lite for Chrome
Interactive Whiteboard Compatibility	Yes with AVerVision Flash Plug-in *certain limitations apply

Power

Power Source	DC 12V, 2A, 100-240V, 50-60Hz
Consumption	16.8 Watts (lamp off); 18 Watts (lamp on)

Lighting

Lamp type	LED light
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Input/Output Connections

RGB Input	15-Pins D-sub (VGA)
RGB Output	15-Pins D-sub (VGA)
HDMI Input/Output	Yes
RS-232 Serial	Through optional CVBS/RS-232 cable
Composite Video	Through optional CVBS/RS-232 cable
USB	Mini-USB (Connect to PC); Type-A (Connect to USB Flash Drive, AP20 Interactive Pen)
SD	SD/SDHC (Up to 32GB)
DC 12V Input	Power Jack
MIC Input	3.5mm jack, pink
Speaker Output	3.5mm jack, green

Dimension

Operating	17.79" x 7.16" x 19.84"
Folded	14.45" x 7.16" x 2.48"
Weight	4.63 lbs (2.1kg)

External Storage

Secure Digital (SDHC)	1GB ~ 32GB (FAT32)
USB Flash Drive	2GB ~ 64GB (FAT32)

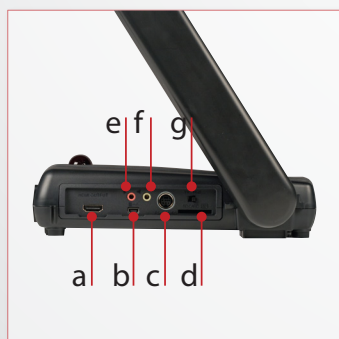
Optional Accessories

Microscope Adapter	Part number: VISIFSEMA
Light Box	Part number: VISSPC3LB
Anti-Glare sheet	Part number: PANTIGLA1 (A5 size 8.26" x 5.84")

Package Contents

M70HD
3' USB Cable (Mini type)
RGB Cable
Power Adapter
Remote Control (including batteries)
Quick Guide

Parts and connections



- a HDMI output
- b Mini USB
- c Composite video output/RS232 (with optional CVBS/RS232 cable)
- d SD card slot
- e MIC output
- f Speaker output
- g TV-RGB switch
- h DC 12V
- i RGB input
- j RGB output