

AVer M70HD

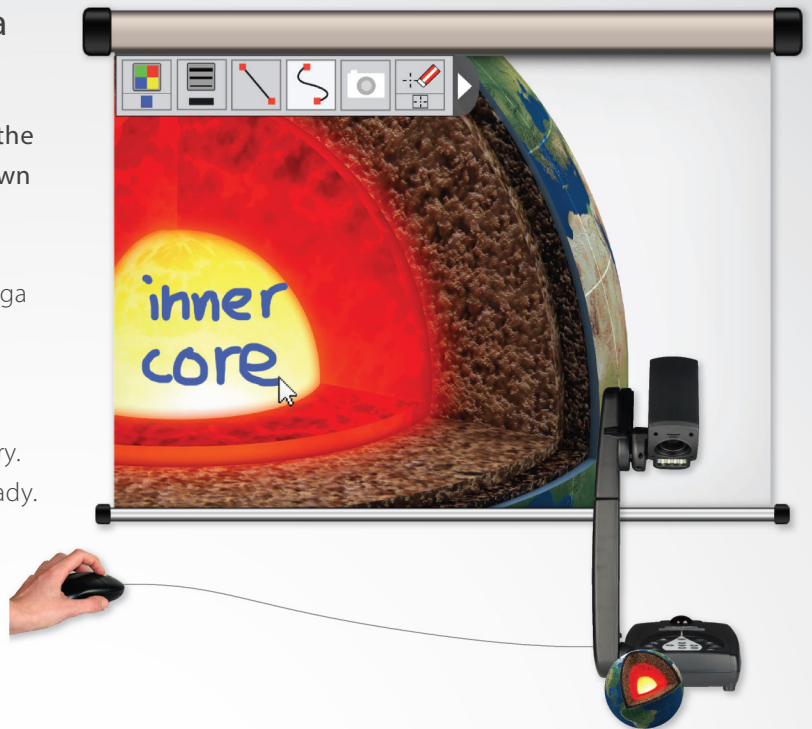


Portable mechanical arm document camera

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.



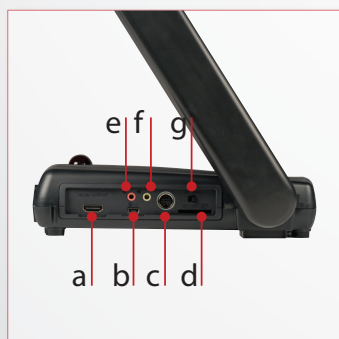
America's best doc cam warranty program

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.

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		
Input/Output Connections			
RGB Input	15-Pins D-sub (VGA)		
RGB Output	15-Pins D-sub (VGA)		
HDMI Output	HDMI		
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		
Power Adapter	Part number: PPDC12VPA		
Light Box	Part number: VISSPC3LB		
Anti-Glare sheet	Part number: PANTIGLA1 (A5 size 8.26" x 5.84")		
Package Contents			
	M70		
	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