AVerVision **F50-8M**
Portable FlexArm Document Camera

8.0 MegaPixel

60 FPS

10x Optical zoom

20x Digital zoom

An 8MP document camera has never been better. The F50-8M document camera allows you to see clearly with every single action!

8MP with 10x optical & 20x digital zoom!

Nothing puts on a show like the 8 megapixels of the F50-8M document camera that is primed to show crisp text, bright images, and vivid colors. Zero in on the smallest details and reach students all the way in the back of the class.

Smooth and easy

Connect the camera via HDMI to an interactive panel or projector to experience the the smoothest video quality in 60fps!

60 FPS

One button recording

Use the F50-8M document camera to snap a quick picture, record student presentations or use as a webcam, where you can then store the image or presentation on the camera itself, to a USB drive or a connected computer.

Seamless collaboration

Use AVer's exclusive Sphere2 & ClassSend Software Suite to create, upload, and share your lesson plan materials through sites such as YouTube, Google Drive and Dropbox.

America's Best Doc Cam Warranty program

The F50-8M has a 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.

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Specifications

Image

Sensor	1/3.2" CMOS	**Pixel Count**	8 megapixels
Effective Pixel	3840 H x 2160 V	**Frame Rate**	60 fps (max)
White Balance	Auto / Manual	**Exposure**	Auto / Manual
Image Mode	Sharp / Graphics / Motion / Microscope	**Effect**	Color / B/W / Negative / Mirror / Rotate / Freeze
RGB Output	1920x1080, 1280x1024, 1280x720, 1024x768, 1280x800	**HDMI Output**	HD 1080p 50Hz/60Hz; HD 720p 50Hz/60Hz; 1024x768 60Hz;
Composite Output	720x480 (NTSC)		

Optics

Focus	Auto / Manual	**Shooting Area**	Max. 17.2" x 9.29" (437mm x 246mm)
Zooming	200X Total Zoom (10X Optical + 20X Digital)		

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 (8M Pixel)
Onboard AV Recording	Yes	**Onboard Annotation**	Yes

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 A+ Software Suite (Sphere 2, PowerPoint Plug-in, Flash-Plug-in), Sphere Lite (for Chromebook)
Interative Whiteboard Compatibility	Yes with AVerVision Flash Plug-in *certain limitations apply		

Power

Power Source	DC 12V, 2A, 100-240V, 50-60Hz	**Consumption**	12 Watts (lamp off); 12.8 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 Input	Yes	**HDMI Output**	Yes
Composite Video	RCA Jack (through optional CVBS Adapter)	**USB**	Mini-USB 2.0 (Connect to PC)
SD	SD / SDHC (Up to 32GB)	**DC 12V Input**	Power Jack
MIC Input	3.5mm jack, pink		

Dimension

Operating (WxHxD)	7.87" x 21.46" x 14.96" 200mm x 545mm x 380mm (+/- 2mm include rubber foot)	**Folded**	9.84" x 3.03" x 12" 250mm x 77mm x 305mm (+/- 2mm include rubber foot)
Weight	6.17 lbs (2.8kg)		

External Storage

Secure Digital (SDHC)	1GB ~ 32GB (FAT32)

Package Contents

F50-8M	**3' USB Cable (Mini type)**
RGB Cable	**Power Adapter 12V / 2A**
Remote Control (including batteries)	**Quick Guide**

Optional Accessories

Microscope Adapter	Part number: VISIFSEMA	**Carrying Bag**	Part number: VISIOCPCC
Anti-Glare sheet	Part number: PANTIGLA1 (A5 size 8.26" x 5.84")	**CVBS/RS232 Cable**	Part number: CVBSRS232
Power Adapter	Part number: PPDC12VPA		

Panel

Right Panel

HDMI out
HDMI in
MIC output
USB
Speaker output

Rear Panel

DC 12V
RGB in
RGB out
Composite Video Output (with optional CVBS/RS232 cable)
Mini USB 2.0

Left Panel

SD card slot
TV / RGB switch
Antitheft slot