AVer **F33**

Portable Semi-FlexArm document camera

HDMI Output - Clear, Crisp, Cost-effective

The new F33 document camera is capable of delivering incredible image quality with its 5MP camera, direct HDMI output at 30fps, incredibly expansive shooting area, and 16x digital zoom.

- HDMI direct output
- 16x digital zoom
- One-touch recording
- Semi-Flexible camera arm
- AVer A+ Software Suite
- America's best Doc Cam warranty

HDMI

Why choose the **F33** ?

HDMI. Oh my!

Upgrading to new HD display technology? The F33's full 1080p (1920 x 1080) HDMI output allows connections to HD displays, taking full advantage of this feature packed document camera's crystal clear video imagery. Now every detail of your Venus Flytrap experiment is clear and vibrant.

Mega pixels. Mega images. Mega shooting area

The F33 combines its 30fps framerate and 5 megapixels to produce amazingly smooth, razor - sharp detailed video streams. With its massive 17.2" x 12.8" shooting area, the F33 can project your whole teaching surface, or zoom down to show a small specimen.

Shed some light

Usually when the projector is on, the lights are off. Since the F33 document camera is connected to a projector, it has a built-in LED lights in the camera head to illuminate and display any object under the camera fantastically.

A+ Software Suite

A+ Software Suite allows you to customize your lessons by integrating your F33 with multiple video feeds, and engage with your students using a variety of classroom technologies. Insert a live F33 video stream into MS power point, IWB software and even upload recorded videos to YouTube™, DropBox™ and more**.**

America's best doc cam warranty program

The F33 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	1/2" CMOS
Pixel Count	5 megapixels
Effective Pixel	2560 H x 1920 V
Frame Rate	30 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	1280x720, 1024x768, 1280x800, 1600x1200, 1920x1080, 1280x1024
Composite Output	720x480 (NTSC)

Optics
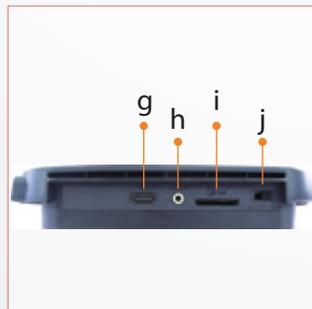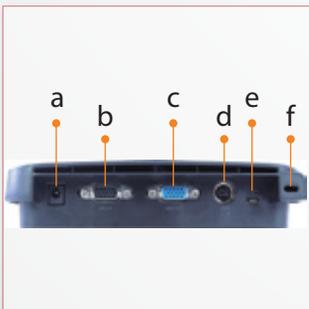|	
Focus	Auto / Manual
Shooting Area	Max. 17.2" x 12.89" (437mm x 327mm)
Zooming	16X Digital Zoom

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

Compatibility
Operating Systems	Windows XP SP3 (32-bit), Windows Vista (32/64 bit), Windows 7/8 (32/64 bit); Mac OS X 10.6 or above (Intel based)
AVer Software	AVer A+ Software Suite (Sphere 2, Microsoft Plug-in, Flash-Plug-in)
Interactive Whiteboard Compatibility	Yes with AVer A+ Software Suite Flash-Plug-in
MS PowerPoint	Yes with Microsoft Plug-in (Windows only, MS PPT 2007 or above)

Power
Power Source	DC 12V, 2A, 100-240V, 50-60Hz
Consumption	10.8 Watts (lamp off); 12 Watts (lamp on)

Lighting
Lamp type	LED light

Input/Output Connections
HDMI Output	Yes
RGB Input	15-Pins D-sub (VGA)
RGB Output	15-Pins D-sub (VGA)
Composite Video	Thru mini-DIN & CVBS adapter
USB	Mini-USB (Connect to PC)
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	15.55" x 7.24" x 20.87"
Folded	13.46" x 7.24" x 16.14"
Weight	3.64 lbs (1.65kg)

External Storage
Secure Digital (SDHC)	1GB ~ 32GB (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
F33
USB Cable (Mini type)
RGB Cable
Power Adapter
CVBS adapter (for optional RCA cable)
Remote Control (including batteries)
Quick Guide
CD
(software, user manual, warranty card)

Parts and connections

a	DC 12V	f	Kensington slot
b	RGB in	g	HDMI out
c	RGB out	h	audio out
d	composite video output	i	SDHC card slot
e	mini USB 2.0 port for PC	j	PAL/NTSC/RGB switch