

# AVerVision M17-13M

Mechanical Interactive Visualizer (Document Camera)



# Digitalizing Every Moment of Your Teaching and Learning

The M17-13M is a robust mechanical arm visualizer (document camera) that provides stunning angle control to capture the best image clarity and detail. With 13 megapixels for live video at 60 fps and onboard annotations in full HD, the M17-13M allows for the observation of crisp texts, bright images, vivid colors, and even chemical reactions.



HDMI



## Absolute Superb Image Quality

The M17-13M is a highly versatile, mechanical arm visualizer that provides stunning image clarity and detail. Packing an impressive 13 megapixel camera with 35.2X total zoom, the M17-13M allows for the observation of crisp texts, bright images, vivid colors, and even chemical reactions.



## Unbeatable Onboard Annotation

The M17-13M makes explaining a tricky concept or key point simple with plug-in mouse annotation capabilities. The Onboard Annotation allows users to easily add notes, highlight important information, or add captions to presentation material.



## Handy One Touch Recording

With the M17-13M's one touch recording, users are able to record entire lessons in order to review with the class, provide to absent students, or give it to substitute teachers. Moreover, users can live stream the video to gain engagement, so that everyone is always caught up on the lesson.



## Fully Adjustable Arm

Designed with a fully adjustable neck and head, the M17-13M visualizer can rotate, swivel, expand, and collapse for the perfect angle to display presentation materials, including paper or 3D models.



## Compact Design for Easy Storage

The adjustable and versatile compact design also lets the M17-13M be neatly folded away for convenient storage in small spaces or for transport.





*“ The AVer Document Camera has been the best teaching tool I have ever used. I have no regrets about getting the document camera instead of an interactive white board. The document camera has so many more functions and uses than I ever imagined. ”*






*- Broadneck Elementary School, Arnold, Maryland, USA  
Theresa Brown, 3rd Grade Teacher*



### **A+ Suite Classroom Software for AVer Visualizer** Explore new possibilities!

- Integrate live images into existing teaching material, while accessing to visualizer functions.
- Upload lessons to YouTube™, DropBox™, classroom management sites and more!
- Stream live video from a second visualizer in picture-in-picture mode.
- Create your own media library then compare them side-by-side.
- View and adjust live visualizer images via an Interactive Flat Panel (IFP) or IWB.
- Create an interactive, and 1 to 1 learning environment with Sphere2 and ClassSend.

#### **with a visualizer, 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

### Total pixels

- 13M

### Output resolution

- Full HD 1080p (1920 x 1080)

### TV lines

- 1000

### Zoom

- 35.2X total zoom (2.2X AVerZoom™ x 16X digital zoom)

### Frame rate

- 60 fps (max.)

### Focus

- Auto / Manual

### Shooting area

- A3 (450 x 340 mm max.)

### Image rotation

- 0° / 180°

### Internal storage

- 128 MB

### External storage

- SDHC (32 GB max.)

### Recording

- Yes

### Image effects

- Color / B&W / Negative

### Image adjustments (white balance / exposure)

- Auto / Manual

### Split screen

- Yes

### Picture-in-picture

- Yes

### Display mode

- Normal (Graphic & Text) / Motion / Microscope

### Capture mode

- Single / Continuous

### User profiles

- Yes, up to 3

### Timer

- Yes

### Onboard annotation

- Yes

### Flicker filter control

- Yes

### Annotation touch integration

- Yes

### ePTZ

- Yes

### Light source

- Embedded LED lamp

### HDMI I/O

- 1 in; 1 out

### VGA I/O

- 1 in; 1 out

### USB 2.0 port

- Yes

### Audio

- Built-in MIC; 1 out (3.5 mm)

### Dimensions (W x D x H)

- Operating: 15.9 x 47.0 x 39.2 cm
- Folded: 15.9 x 28.1 x 5.6 cm

### Net / gross weight

- 1.95 kg (4.30 lbs) / 3.82 kg (8.42 lbs)

### Warranty

- 5 years

### Power source

- AC 100 ~ 240V, 50/60Hz

### Windows® OS

- Windows® 7, 8, 8.1, 10

### Mac OS®

- Mac OS® X 10.10 or above

### Chrome OS

- Chrome OS 29 or above

### Optional accessory

- Microscope adaptor

## Package Content

- AVerVision M17-13M unit
- Quick guide
- Mini USB cable
- VGA cable
- Remote control with batteries
- Power adapter (12V, 2A)
- Warranty card

## I/O Port

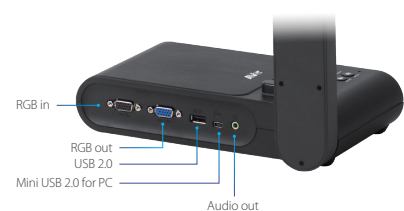
### Rear panel



### Right panel



### Left panel



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