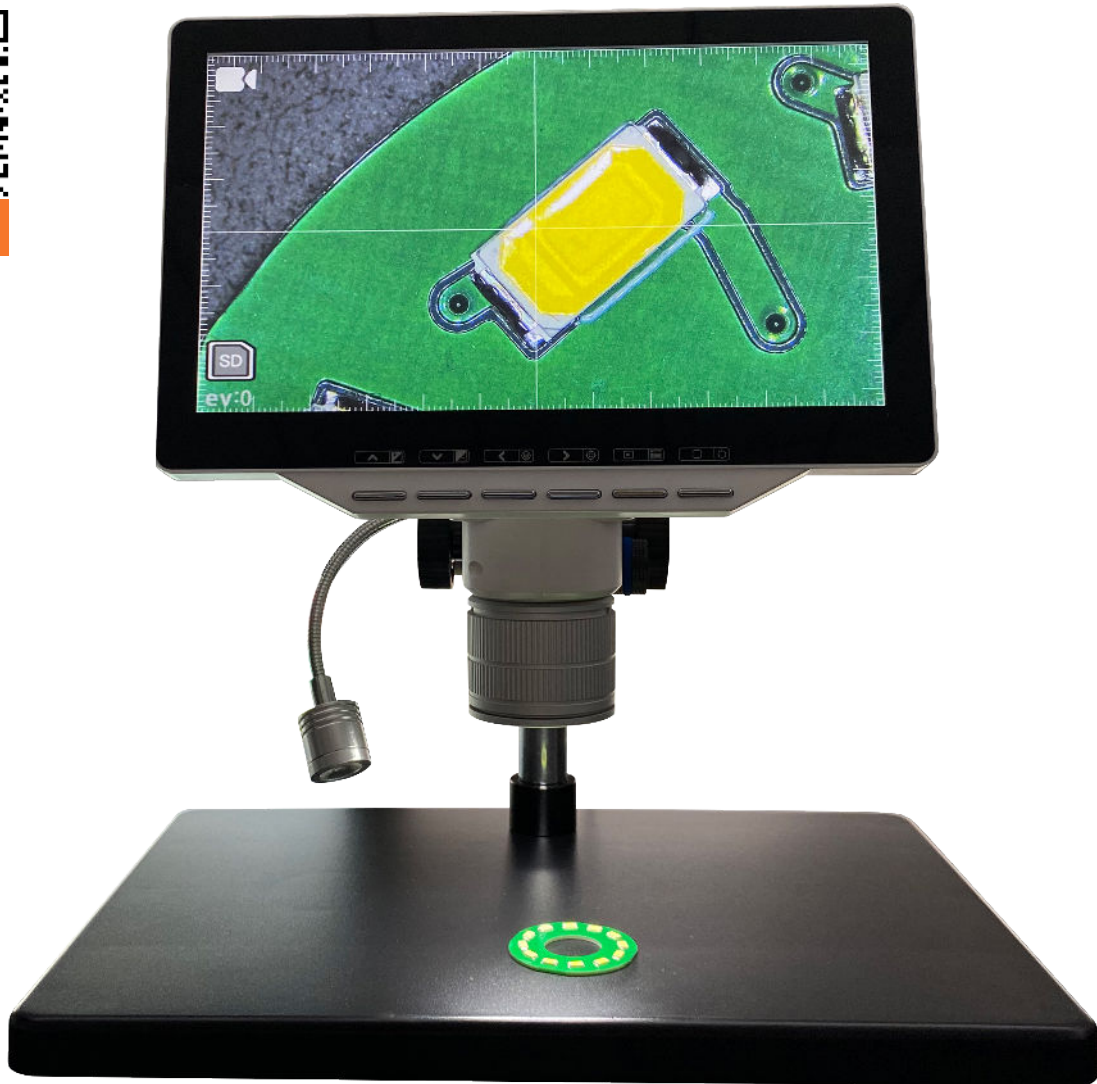


iVideo-106

Digital Video Microscope



Video



Contact us

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Feature and Application

This digital microscopes have numerous significant advantages:

Excellent technical parameters, a 10.6-inch IPS LCD screen with clear display, powerful digital functions, supports wide dynamic and high-definition shooting and recording, and has multiple practical functions. It has high-quality optical performance, continuous zoom of the objective lens, reasonable platform design, diverse lighting modes, suitable focusing and working distance parameters, and stable power supply; Easy to operate, with a well-designed microscope body and practical knob functions for focusing, fixing, and illumination switching.

Product Feature

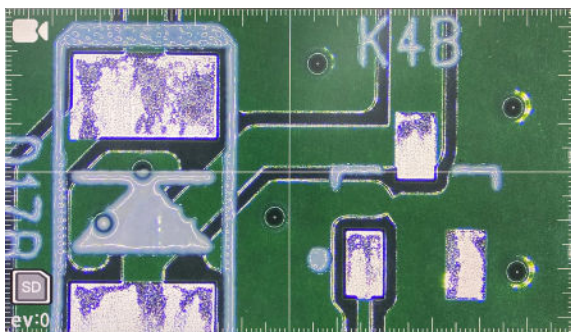
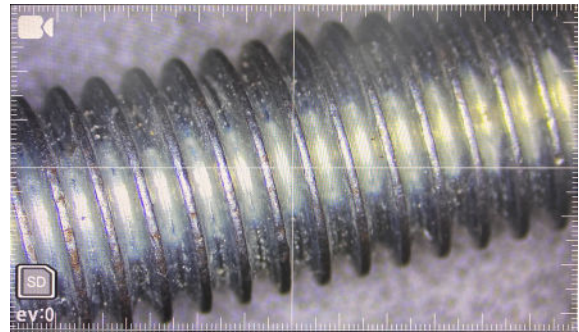
- High resolution screen: adopts 10.6 inch IPS LCD, resolution is up to 1366 * 768, can present extremely clear microscopic image details;
- The widescreen display ratio of the IPS screen provides a wider field of view to observe a larger area of microscopic samples;
- IPS technology ensures the screen has excellent color restoration ability, and can accurately present the real color of microscopic samples;
- Users can see the image on the screen from different views clearly, instead of color distortion or image blur;
- With 1200w photo pixels, can take high quality micro images; video resolution of 1080p / 60 fps, can record the smooth micro dynamic process;
- The automatic exposure function can automatically adjust the exposure time according to the illumination condition of the sample to ensure the moderate brightness of the image; the automatic white balance function can correct the color deviation of the image and make the image color more real;
- Support video mode, photo mode and playback mode, and can be switched through simple key operation;
- Using HDMI video interface, can be connected to the projector, display and other equipment, convenient to display micro images on a larger screen;
- SD card storage (32G)



Feature and Application

Product Application

- Zoology, botany, entomology, histology, mineralogy, archaeology, geology and dermatology;
- In the textile industry, used for the inspection of raw materials and cotton fabric;
- In the electronic industry, as a transistor spot welding, inspection and other operation tools;
- Inspection of the surface crack composition of various materials, stoma shape and corrosion situation and other surface phenomena;
- In the manufacture of small precision parts, devices used for machine tools, observation of the working process, inspection of precision parts and assembly tools;
- Surface quality of lenses, prisms or other transparent substances, and quality inspection of precision scale;
- Widely used in chemical chemistry, electronic manufacturing, pharmaceutical food, universities, archaeological research and many other fields.



Product Details



1.10.6 inch IPS LCD

3.Main Illumination : Change Conveniently

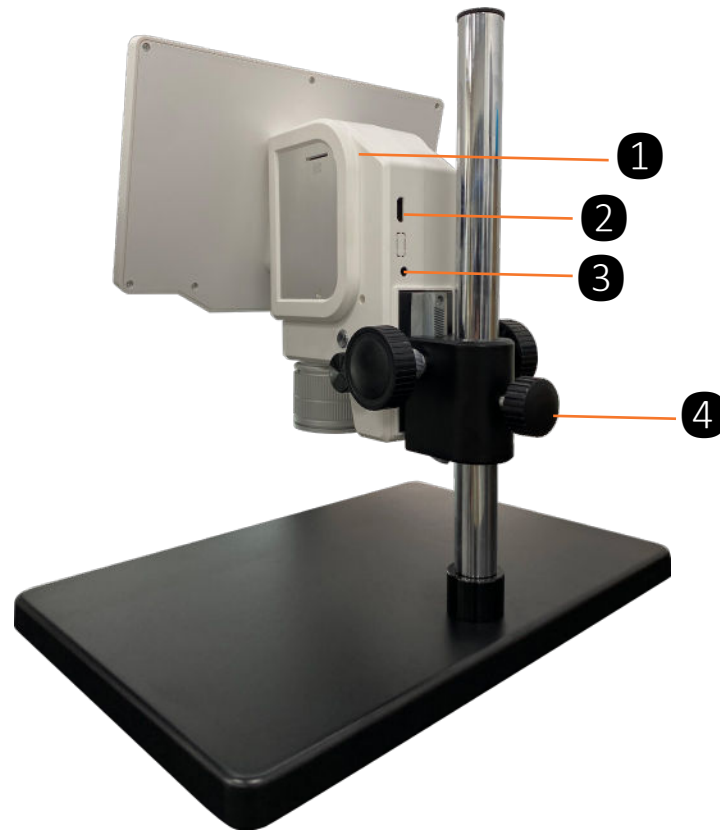
5.Round Column

2.Continuous Zoom Lens : 0.7-4.5X

4.Side Illumination

6.Basement

Product Details

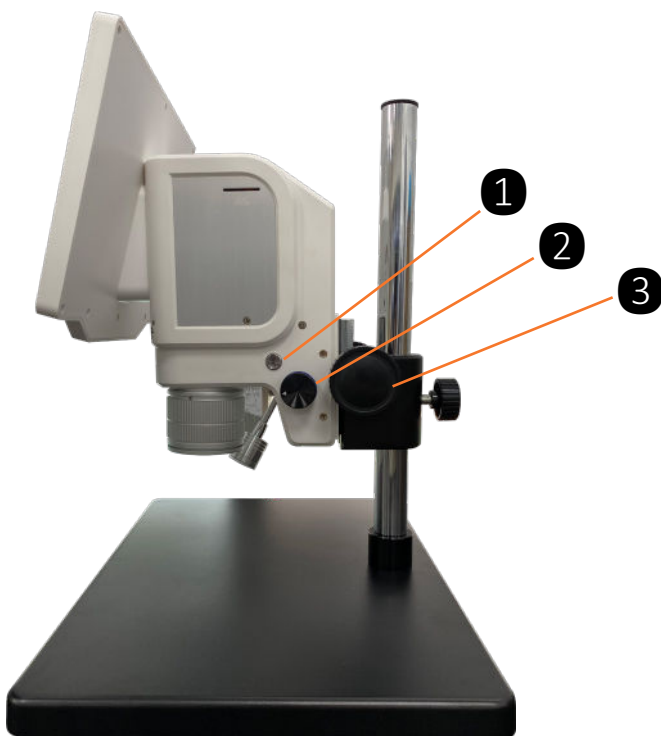


1.SD Card Slot

2.HDMI Interface

3.Power Interface

4.Fixed Knob



1.Illumination Switch Button

2.Light Brightness Adjustment Knob

**3.Focal Knob: Through This Knob,
You Can Adjust The Image Clarity**



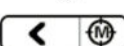

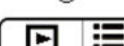

Product Details

Key Function



Display key function description (display from left to right)



Key	Browse Mode	Menu And Playback Mode
① 	/	Up key
② 	/	Down key
③ 	"+" key Change scale mode	Left key
④ 	"-" Key Change the color	Right key
⑤ 	Short press is mode switch button (video mode, photo mode, playback mode)	/
⑥ 	Take photos and video keys	Is OK confirmation key, long press is shutdown key

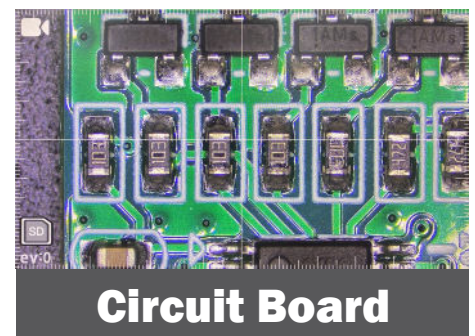
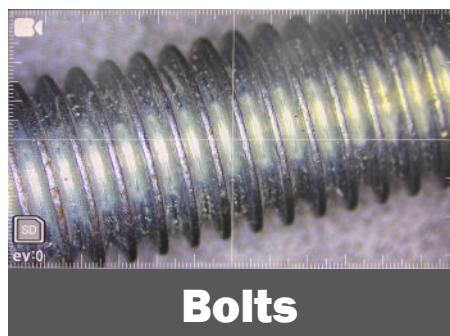
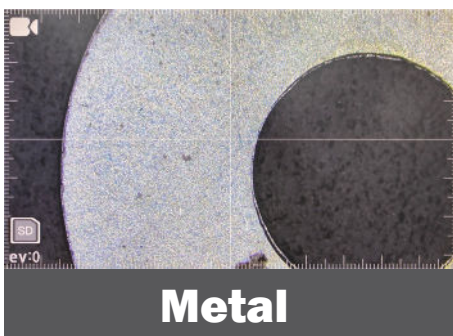
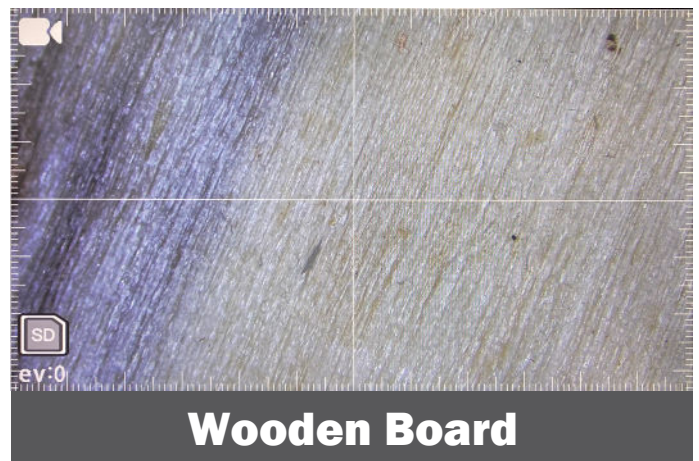
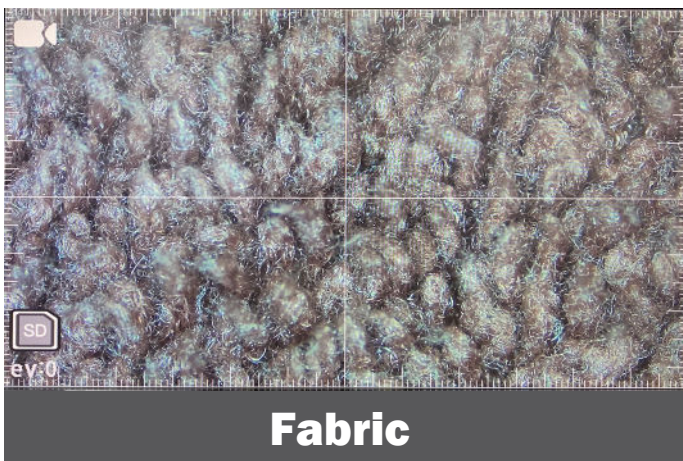
Product Details

Microscope Function

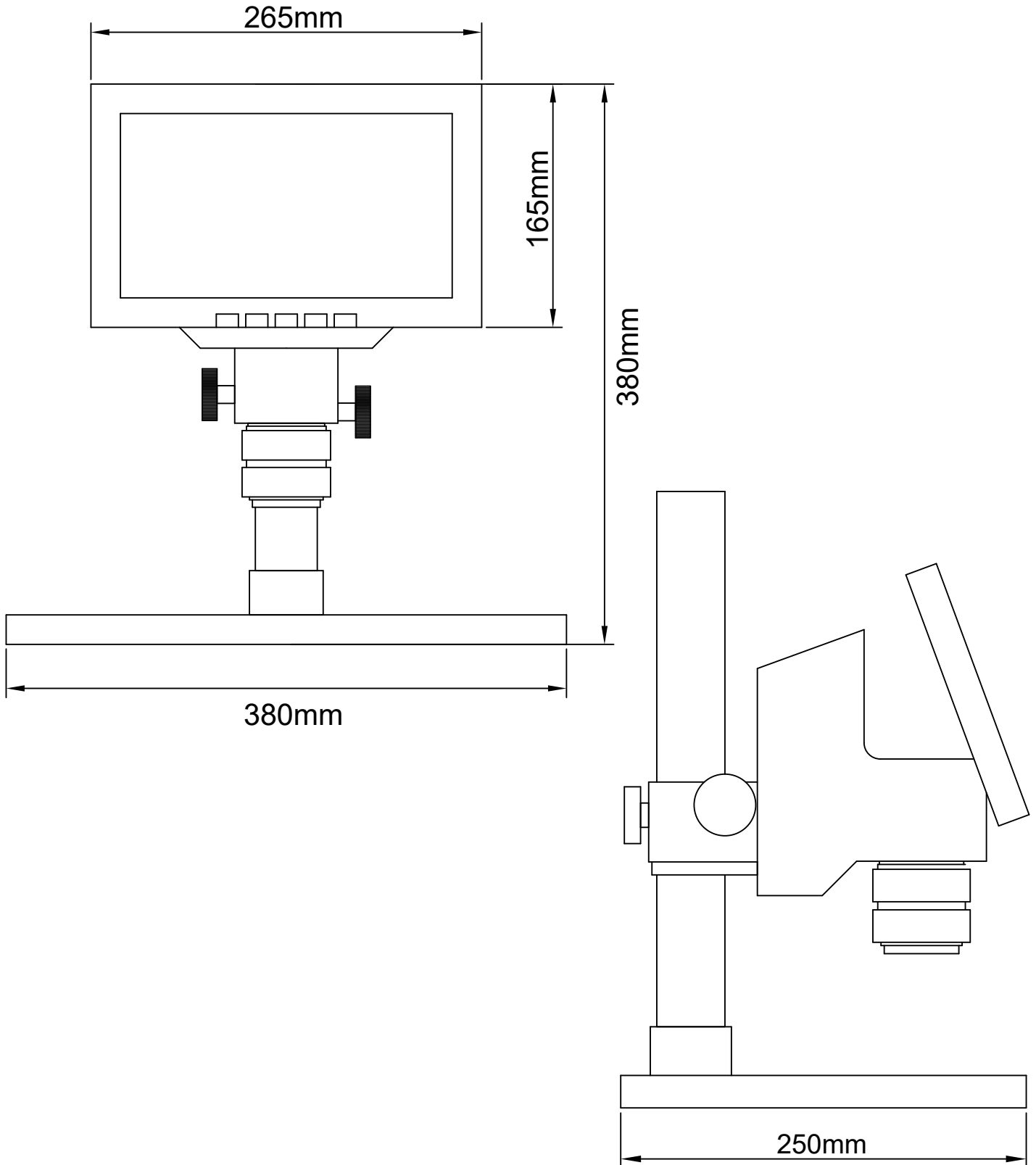


- Display micro image more conveniently by HDMI to connect the display screen; plug and play, lossless signal transmission; through an external display screen, multiple people can simultaneously view microscopic images on a large screen for real-time communication and discussion in scenarios such as teaching, research team discussions, or quality inspection in industrial production.

Sample Inspection







Instrument Dimension



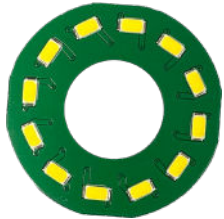



Technical Specification

LCD Screen Size	10.6 inch IPS
Resolution	1366*768mm
Wide Dynamic Range	Achieve
Pixel	1200w
Video Resolution/Frame Rate	1080p/60fps
Video Output Format	HDMI
Function	Automatic exposure, exposure offset, automatic white balance, photography, recording, storage
Storage Method	SD card (maximum memory 32GB)
Measurement Function	Support
External Devices Available	Projector, monitor
Eyepiece Lens	0.5X
Objective Lens Kind	Continuous zoom lens
Objective Lens Zoom Magnification	0.7X~4.5X
Magnification	44.5X
Total Magnification	15.5X~100X
Lighting Method	Upper illumination, side illumination, LED continuous adjustable illumination
Focusing Range	42mm
Working Distance	88mm
Column	Round pillar
Bracket Size	380mm*260mm*20mm
Power Supply Method	DC12V

Standard Delivery

Name	Qty	Photo
Mainframe Head	1pc	 A photograph of a rectangular mainframe head component. It features a green printed circuit board (PCB) with several integrated circuits (chips) mounted on it. The PCB is housed within a black frame.
Column	1pc	 A photograph of a long, thin, cylindrical metal column. It has a polished, reflective surface and appears to be a precision-machined part.
Basement	1pc	 A photograph of a small, square, black plastic component. It has a flat top surface and a small circular hole or feature in the center.
Fixed Knob	1pc	 A photograph of a black plastic fixed knob. It consists of a circular ring with a central hole, attached to a threaded stem that ends in a knurled, cylindrical knob for adjustment.

Standard Delivery

Name	Qty	Photo
Spare Illumination	1pc	
Inner Hexagon Spanner	1pc	
Power Adapter	1pc	
Power Line	1pc	

Optional Delivery

Optional

HDMI line

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