

MODERN

Auto-Focus Video Microscope



Technical Specifications

- ◆ Large Field Video Microscope, equipped with a precise optical auto focusing system and fast software algorithms, can autofocus in real-time within an adjustable range without the need for adjustment, resulting in clear image presentation.
- ◆ Large field of view, simultaneous detection of multiple samples, improving work efficiency, with a maximum field of view of 460x240mm.
- ◆ High definition HDMI video signal output, no need to connect to a computer, just connect directly to the monitor.
- ◆ Automatic exposure, automatic white balance, automatic saturation adjustment, and automatic wide dynamic. The camera has functions such as image storage, video recording, and reference judgment. Mouse operation, simple and convenient.
- ◆ Equipped with high-quality image processing technology, the color reproduction is realistic and the details are rich, which is very helpful for industrial special testing.
- ◆ This product is widely used in industrial testing, medical observation, teaching and research, automation systems and other fields.

Chip structure : HIS+ARM

Operating system : LINUX 3.10

Kernel structure : Dual-core Cortex-A9

Main frequency speed : 1GHz

Optical size : 1/3"

Resolution : 1920×1080

Frame rate : 60fps

Working distance : 100~300mm

Maximum field of view : 460×240mm

Magnification : 10~140X

USB interface : 2 USB ports, can connect to U disk, wireless mouse or keyboard

Operation method : Mouse operation

Operating Voltage : DC 12V

Operating temperature : -10 degrees ~70 degrees

Bracket : 330×300mm Bottom plate size, coarse adjustment round column bracket

Field of View (100mm working distance)	Field of View (300mm working distance)
172×92mm	460×240mm
96×50mm	230×130mm
53×29mm	116×60mm
40×22mm	74×40mm
34×19mm	62×34mm
24×14mm	47×26mm