

LDS-L450A Industrial LCD Scope

4K Ultra HD Direct HDMI Output



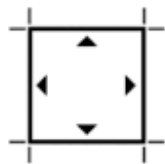
Capture and store
image & video into
USB Pendrive directly



Operate with mouse



Ultra 4K HD Video



Crosshairs



Support Pen(USB)
Drive for capturing



Operate with mouse



Records Video



Snap photo



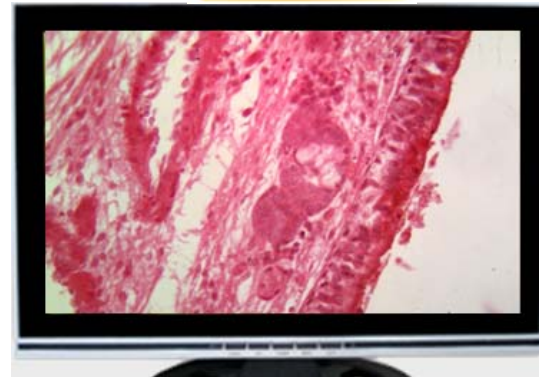
UCV USB Camera



Auto / 1-Push WB

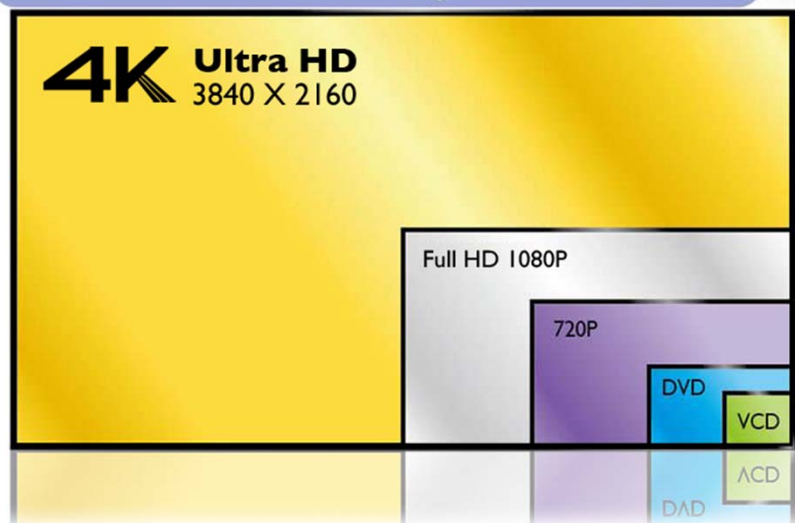
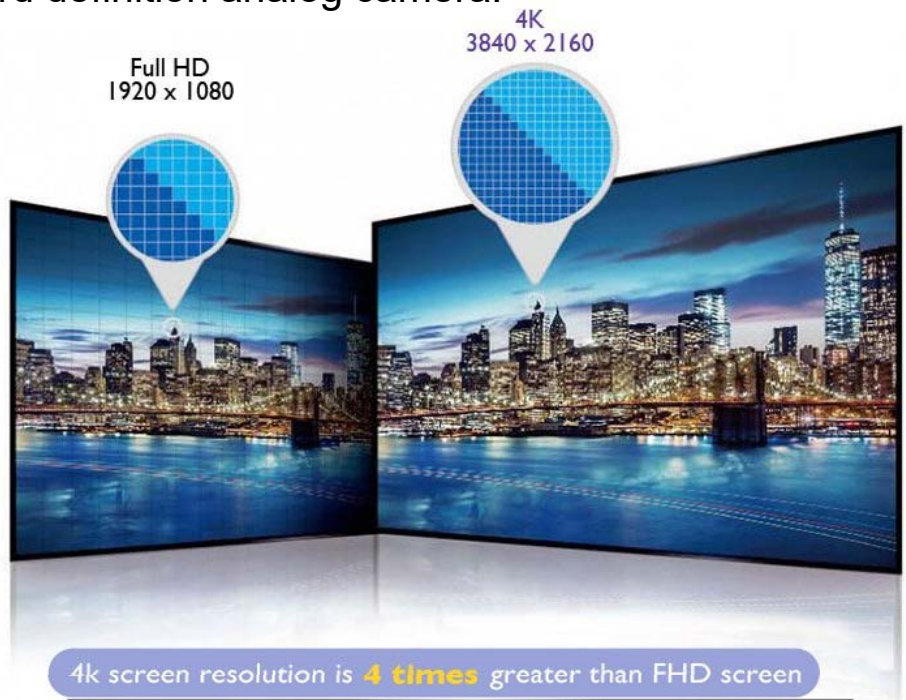
LDC-L450A– Ultra/Full HD 4K LCD Scope

1. USB Video to PC with VIS-Plus Software
2. Or directly HDMI Video Output to LCD via simple connection & operation (GUI operate by mouse)



UHD-Cam's flicker-free, clearer & sharper picture reduces eye strain when observing image details, increase productivity and improve inspection accuracy. Ultra HD provides stunning video quality, with a level of detail that is way higher than that of traditional standard definition analog camera.

Sony Exmor 4K Large CMOS Sensor
(1/1.8" Sensor Size)



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Optical Specifications



Optical System	Infinite
Objective Lens Type	Normal FHD or Semi-Plan Achromatic
Zoom Type	Continuous zoom ratio from 0.7 – 4.5X
Zoom Ratio	Optional Plan 2X, 4X,5X, Plan 10X
Total Magnification	(on Monitor) 15X ~ 100X
Standard Objective	1X objective lens
Standard Coupler	0.5X or 1.0X
Optical Lens	HD Megapixels Grade (High Quality)
Focusing Arm Type	Adjustable rack-and-pinion stand/holder
Optical Zoom Mode	Par Focal System
Illumination Type	LED Ring Light
XY Table	Optional Manual Travelling distance 75mmx50mm
XY Table Material	Aluminum Alloy Metal

Camera Specifications



Image Sensor	Sony Starvis2 1/1.8" IMX678 Color CMOS
Video Output Resolution	UHD 3840x2160
Capture Resolution	UHD 3840x2160 (Image) / 1080 Full HD Video (30fps)
Pixel Size	2.0µm x 2.0µm
Imaging Area	Diagonal 8.86mm
Display Video Frame Rate	30 fps
Lens Mounting	C / CS
White Balance	Auto / 1-Push / Manual (Red & Blue Settings)
Exposure	Auto / Manual
Adjustable Parameters	Brightness, Gamma, Sharpness, Contrast & Saturation
LCD Resolution	Native 4K UHD (IPS Panel)
USB Output	UVC USB Video to PC (with VIS-Plus Software)
Noise Reduction	Support digital denoise
User Interface	GUI Operate by Mouse (like Windows)
Camera Storage	USB Pen Driver (up to 64G)
Image Recording	Snap Image / Video Recording to SD
Interface	Standard HDMI
Crosshairs / Lines	8 pairs crosshairs / 16 Lines Adjustable individual line's position, color & thickness
Others	Freeze image / Image Comparison / Flip / Invert etc.