

LDS-L450ED Industrial LCD Scope

4K Ultra HD Direct HDMI Output

4K Lens with Extended Depth Of Focus



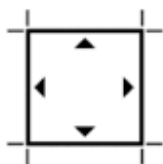
Capture and store
image & video into
USB Pendrive directly



Extended Depth Of Focus



Ultra 4K HD Video



Crosshairs



Support Pen(USB)
Drive for capturing



Operate with mouse



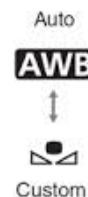
Records Video



Snap photo



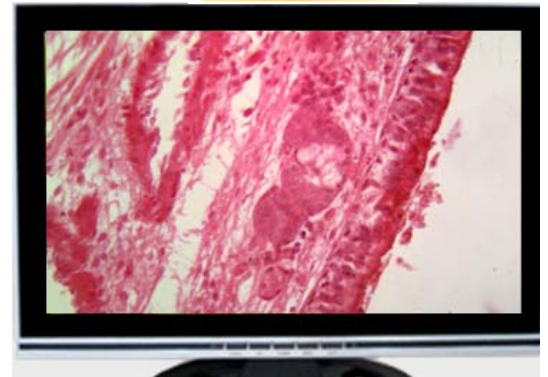
UCV USB Camera



Auto / 1-Push WB

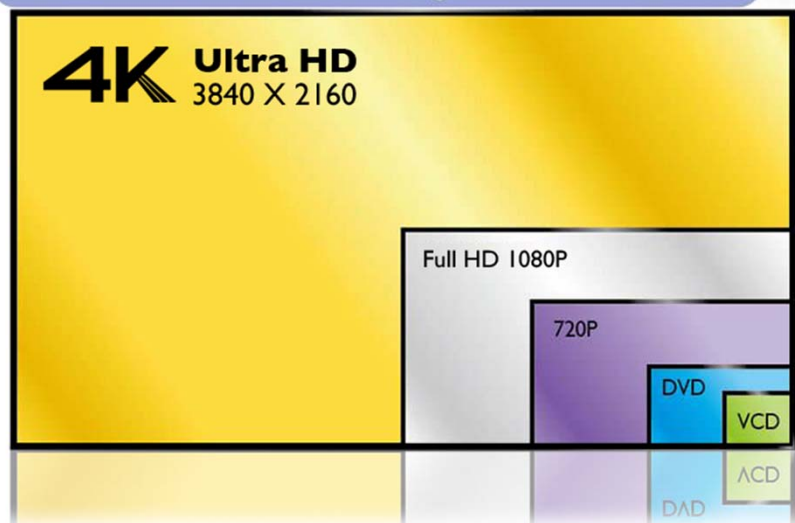
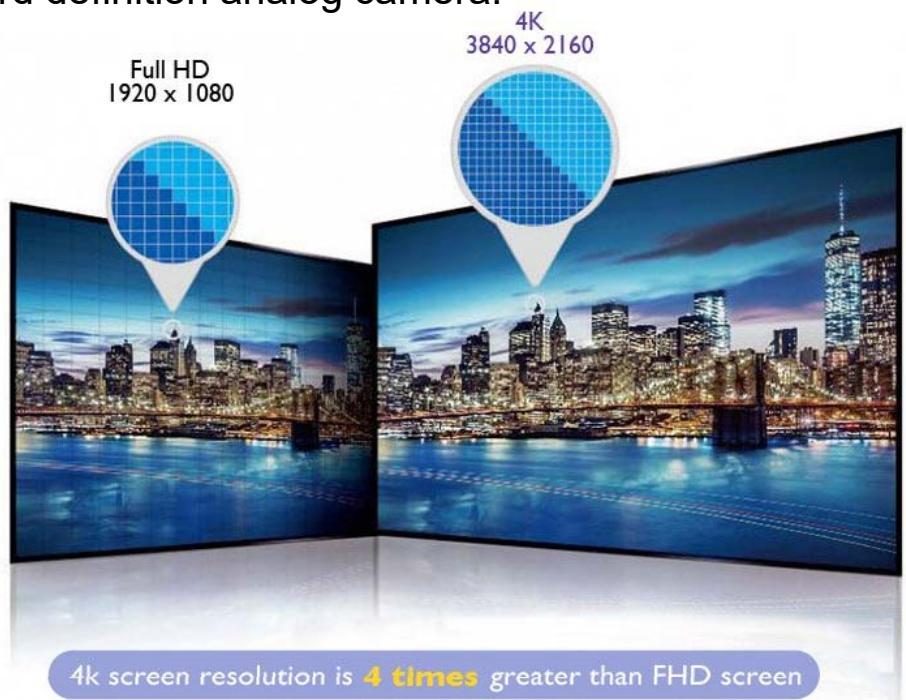
LDC-L450ED– Ultra/Full HD 4K LCD Scope

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 Achromatic
Zoom Type	Continuous zoom with parfocality
Zoom Ratio	0.7 – 5.0X
Total Magnification	(on Monitor) 15X ~ 110X
Standard Objective	1X objective lens
Standard Coupler	0.4X 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
Depth Of Field	Extended D.O.F.
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 USB Pen Drive
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.