

DIGICAM 4K (USB 3.0 + HDMI)

Microscope Camera





ONE BUTTON HI-RESOLUTION IMAGING

Welcome to the world of DIGICAM Microscope Cameras

DIGICAM 4K (USB 3.0 + HDMI) Multi-mode Microscope Camera, series camera is the next-generation live-view imaging-system with 4K resolution(Video) at 60 FPS. It comes with Sony Exmor CMOS sensor with high sensitivity, low dark current and no smear achieved through the adoption of R, G and B primary color mosaic filters. It can be used as a stand-alone recorder when used with an HDMI monitor or television, or live-streamed to a PC via Gigabit Ethernet (GE) for image-capture and video-recording. Hardware 3D denoising, sharpness and tone mapping control functions greatly improve the image and video quality.

TECHNICAL SPECIFICATIONS

• IMAGE SENSOR	4K/SONY IMX334(C), COLOR
• CHIP SIZE	1/1.8"(7.68MM X 4.32MM) FULL HD CMOS
• RESOLUTION	3840X 2160
• PIXEL SIZE	2 MICRONS X 2 MICRONS
• OUTPUT	HDMI, USB 3.0, SD CARD AND WIFI, ETHERNET(GE)
• FRAMERATE	60 FPS AT 3840X2160(HDMI) / 30@3840X2160(WIFI,GE)
• MEMORY CARD	SUPPORT TF CARD (MAX 32 GB)
• SNAP FORMAT	TIFF / JPG
• VIDEO FORMAT	AVI / MP4
• EXPOSURE	AUTO / MANUAL (0.1MS~1000M)
• WHITE BALANCE	AUTO / MANUAL
• CROSS LINE	HORIZONTAL 4 LINES, VERTICAL 4 LINES AVAILABLE.
• FREEZE / UNFREEZE	AVAILABLE
• CROSS LINE	AVAILABLE
• MOVE/COLOUR	SUPPORT
• HIGH DYNAMIC RANGE	SUPPORT
• DIGITAL NOISE REDUCTION	C OR CS MOUNT (REDUCTION LENS
• CAMERA MOUNT	0.37X,0.5X/0.7X/1X)
• POWER SUPPLY	DC 12V
• LIGHT FREQUENCY	50 HZ OR 60 HZ.
• OSD	ON SCREEN DISPLAY MENU
• WORKING TEMPERATURE	0-50 DEG.
• CAMERA SIZE	98.3 MM (3.87") X 65 MM (2.56") X 78MM (3.07")
• WEIGHT WIRELESS	0.47 KG.
• CONNECTIVITY	WI(MOBILE CONNECTION BY DEWINTER - APP.)



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