A59.2222 Hdmi Usb Sd Digital Camera 2.0m -8.0m

FOB \$1~1000, Depend on Order Quantity

Carton Packing, For Export Transportation

Basic Information

cnoec.com

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1 pc
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms: T/T, West Union, Paypal

Opto-Edu (Beijing) Co., Ltd.

China

CE, Rohs

A59.2222

5~20 Days

5000 pcs/ Month

CNOEC, OPTO-EDU

Supply Ability:

OPTO-EDU



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Product Specification

 Applications: 	Microscope
Certification:	CE Rohs
USB Mouse:	Connect USB Mouse For Easy Operation On HDMI Menu
• USB Video:	Connect PC Or Other Host Device To Realize Video Image Transmission
• SD:	Comply With SDIO3.0 Standard And SD Card Could Be Inserted For Video And Images Saving
• LED:	LED Status Indicator
• ON/OFF:	Power On/Off Switch
• Highlight:	usb sd digital camera, 8.0m sd digital camera, 2.0m hdmi digital camera

OPTO-EDU



Product Description

A59.2222 series camera is the next-generation live-view imaging-system with 1080P resolution(Video) at 60/30 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.

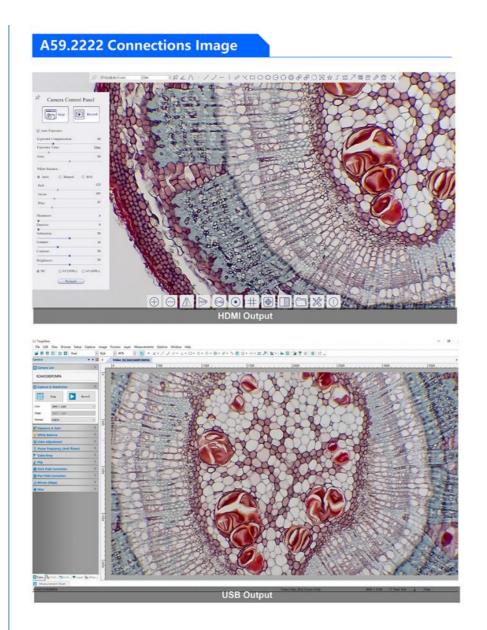
The camera uses a standard C-mount interface for maximum compatibility with various microscopy-systems. It can be used as a stand-alone recorder when used with an HDMI monitor or television, or live-streamed to a PC via USB for image-capture and video-recording.

Hardware 3D denoising, sharpness and tone mapping control functions greatly improve the image and video quality. The included Windows software offers image-development and measurement tools, as well as advanced compositing features such as image-stitching and extended-depth-of-focus. With the ability to calibrate scales at multiple magnifications, the software can be used for multi-level inspection. For Mac and Linux, there is a lite version of the software which can capture video and still images, and includes limited processing features.

A59.2222 series camera is intended to be used for the acquisition of digital images from the stereo microscope, biological microscope or online interactive teaching.

- HDMI+USB+SD Digital Camera With Sony Exmor CMOS Sensors Resloution 1080p/2.0M~8.0M
- Built-in HDMI Mouse Control Panel For Image Capture & Video Record To SD Card
- Built-in Toolbar Including Zoom, Mirror, Comparison, Freeze, Cross, Browser Functions
- Ultra-Fine TM Color Engine With Perfect Color Reproduction Capability (USB)
- Advanced Video & Image Processing Software Image View, Support SDK For Win/Linux/Mac/Android





A59.2222 Features & Sample Pictures



 HDMI+USB+SD Digital Camera With Sony Exmor CMOS Sensors Resloution 1080p/2.0M~8.0M

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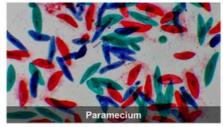
 Ultra-Fine TM Color Engine With Perfect Color Reproduction Capability (USB)

 Advanced Video & Image Processing Software Image View, Support SDK For Win/Linux/Mac/Android













A59.2222 Specification



	Sensor &	Pixel(µ	G Sensitivity	-FPS/Resolution	Binning	Exposure		
	Size(mm)	m)	Dark Signal					
2MPA	Sony		1175mv with	60@1920*1080(1x1			
	IMX385(C)	3.75x3.	1/30s	HDMI)		0.04ms~1		
	1/2"(7.2x4.05)	75	0.15mv with	50@1920*1080(000ms		
	1/2 (1.2x+1.00)		1/30s	USB)				
8МРВ	Sony		300mv with	30@1920*1080(1v1			
	IMX415(C)	1.45x1.	1/30s	HDMI)		0.04ms~1		
	1/2.8"	45	0.13mv with	30@3840*2160(000ms		
	(5.57x3.13)		1/30s	USB)				
Remark: C - Co	lor, M-Monocolo	r, GS-GS	Shutter					
INTERFACE &	BUTTON FUNC	TION						
USB Mouse	Connect USB mouse for easy operation on HDMI menu							
USB Video	Connect PC or other host device to realize video image transmission							
НДМІ	Comply with HDMI1.4 standard. 1080P format video output for standard							
	monitor, Mouse Control & Measure Function							
DC12V	Power adapter connection (12V/1A)							

50	Comply with SDIO3.0 standard and SD card could be inserted for video and images saving					
	LED status indicator					
ON/OFF	Power On/Off Switch					
VIDEO OUTPUT						
	Comply with HDMI1.4 standard; 60fps@1080P					
ISB Video	Connecting USB Video port of PC for video transfer MJPEG format video					
J28 001501						
Video Saving	Video format:1920*1080 H264/H265 encoded MP4 file;					
	Video saving frame rate:60fps(2MPA);30fps(8MPB)					
Image Capture	2M (1920*2160, 2MPA) JPEG/TIFF image in SD card;					
	8M (3840*2160, 8MPB) JPEG/TIFF image in SD card;					
	Measurement information saved in different layer with image content					
Saving	Measurement information is saved together with image content in burn in mode					
55	Exposure(Automatic, Manual Exposure), Gain, White Balance(Manual, Automatic, ROI Mode), Sharpening, 3D Denoise, Saturation Adjustment, Contrast Adjustment, Brightness Adjustment, Gamma Adjustment, Color to Gray, 50HZ/60HZ Anti-flicker Function					
	Zoom In/Zoom Out, Mirror/Flip, Freeze, Cross Line, Overlay, Embedded Files Browser, Video Playback, Measurement Function					
Embedded RTC	To support accurate time on board (Optional)					
Restore	Restore camera parameters to Default Factory Settings					
Multiple	English, Simplified Chinese, Traditional Chinese, Korean, Thailand,					
	French, German, Japanese, Italian, Russian					
SOFTWARE EN	VIRONMENT UNDER LAN/WLAN/USB VIDEO OUTPUT					
White Balance	Auto White Balance					
Color Technique	Ultra-Fine Color Engine					
	Win/Linux/macOS/Android Multiple Platform SDK(Native C/C++,					
SDK	C#/VB.NET, Python, Java, DirectShow, Twain, etc)					
Recording System	Still Picture or Movie					
-	Microsoft® Windows® XP, Vista, 7, 8, 8.1 /10 /11(32 & 64 bit)					
Operating	OSx(Mac OS X)					
System	Linux					
	CPU: Equal to Intel Core2 2.8GHz or Higher					
	Memory: 4GB or More					
	Display:19" or Larger					
rioquironionito	CD-ROM					
OPERATING EN						
Operating						
Temperature	-10 °C~ 50 °C					
Storage Temperature	-20 °C~ 60 °C					
Humidity	30~80%RH					
Storage Humidity	10~60%RH					
iumuny						
	DC 12V/2A Adaptor					

A59.2222 series camera body, made from tough, CNC aluminium alloy, ensures a heavy duty, workhorse solution. The camera is designed with a high quality IR-CUT to protect the camera sensor. No moving parts included. This design ensures a rugged, robust solution with an increased lifespan when compared to other industrial camera solutions



A59.22	222 Packing List							
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Packing List	of A59.2222 Series Camer	a						
Standard Ou								
٩			n H:9.0cm (1pcs, 1.48K	g/ box)				
3	A59.2222 Digital C							
			0~240V 50Hz/60Hz, Ou					
		: POWER	-U-12V1A(MSA-C1000)	C12.0-12W-US)				
C	UL/CE/FCC		-F-121/14/MSA C10001					
	UL/CE/FCC	European standard: POWER-E-12V1A(MSA-C10001C12.0-12W-DE)						
	EMI standard: FCC	Part 15 S	Subpart B					
	EMS standard: EN		-					
)	USB Mouse							
	HDMI Cable							
-	USB2.0 A male to	A male go	ld-plated connectors cal	ole /2.0m				
3	CD (Driver & utilitie	es software	e, Ø12cm)					
Optional Acc	-							
-	SD Card(16G or at	oove; Spee						
			0.37x, C-Mount to	A55.2202-				
		For	Dia.23.2mm 0.50x, C-Mount to	A37 A55.2202-				
		Microsco	Dia.23.2mm	A55.2202- A50				
		ре	0.75x, C-Mount to	A55.2202-				
	Focus Adjustable		Dia.23.2mm	A75				
	Eyepiece Adapter		0.37x, C-Mount to	A55.2204-				
		For Telescop e	Dia.31.75mm	A37				
			0.50x, C-Mount to Dia.31.75mm	A55.2204- A50				
			0.75x, C-Mount to	A50 A55.2204-				
			Dia.31.75mm	A75				
		For Microsco pe	0.37x, C-Mount to Dia.23.2mm	A55.2202- F37				
			0.50x, C-Mount to	A55.2202-				
			Dia.23.2mm	F50				
			0.75x, C-Mount to	A55.2202-				
J	Focus Fixed		Dia.23.2mm	F75				
-	Eyepiece Adapter	For Telescop e	0.37x, C-Mount to	A55.2204-				
			Dia.31.75mm 0.50x, C-Mount to	F37 A55.2204-				
			Dia.31.75mm	F50				
			0.75x, C-Mount to	A55.2204-				
			Dia.31.75mm	F75				
<	Adaptor Rings Dia.		0 30.0mm For	A55.2203- 30				
`		30.0mm Microscope Eyepiece Tube						
	Adaptor Rings Dia.			A55.2203-				
	30.5mm Microscop			30.5				
	Calibration	X=0.01mr						
	Valividuuli	X,Y=0.01mm/100Div X=0.01mm/100Div.,						
N		X = 0.01 mr	m/100Div					

