



## Microscope Digital Cameras Microscope Accessories A59.2215

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A59.2215
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



### Product Specification

- Applications: Microscope
- Certification: CE, Rohs
- Product Name: Microscope Accessories
- Resolution: 1360 X 1024
- Scan Mode: Progressive
- Pixel Size: 6.45μm X 6.45μm
- Highlight: **microscope accessory, parts of the microscope**



## Product Description

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### Specifications:


Pixel	1	2	3	4	5
<b>Sensor Size (Diagonal)</b>	<b>2/3"</b> <b>(Diagonal 11mm)</b>	<b>2/3"</b> <b>(Diagonal 11mm)</b>	<b>1/2"</b> <b>(Diagonal 7.959mm)</b>	<b>1/2"</b> <b>(Diagonal 7.959mm)</b>	<b>2/3"</b> <b>(Diagonal 11.016mm)</b>
Image Pickup Device	SONY ICX285AQ CCD(Color)	SONY ICX285AK CCD(Mono)	SONY ICX205AK CCD(Color)	SONY ICX205AL CCD(Mono)	SONY ICX655AQA CCD(Color)
Scan Mode	Progressive				
Max.Resolution	1360 x 1024 (Approx. 1,400,000 Pixels)			2448 x 2050 (Approx. 5,018,000 Pixels)	
Pixel Size	6.45μm x 6.45μm		4.65μm x 4.65μm		3.45μm x 3.45μm
Imaging Area	10.2mm(H) x 8.3mm(V)		7.60mm(H) x 6.20mm(V)		9.93mm(H) x 8.70mm(V)
G Sensitivity	1240mV with 1/30s Accumulation		400mV with 1/30s Accumulation		420mV with 1/30s Accumulation
Dynamic Range	70dB				
A/D Converter	12-bit Parallel, 8-bit R.G.B to PC	12-bit Parallel, 8-bit PC	12-bit Parallel, 8-bit R.G.B to PC	12-bit Parallel, 8-bit to PC	12-bit Parallel, 8-bit R.G.B to PC
SN Ratio	62dB				
Spectral Range	380-650nm (with IR-filter)				
Video Format & Frame Rate	15fps @1360 x 1024(Multiple Speed Level)			4.3fps @2448 x 2050, 10.5fps @960 x 720 (Multiple Speed Level)	
Binning	1 x 1				
Exposure	0.12ms~240s, ROI Auto & Manual			0.22ms~60s, ROI Auto & Manual	
White balance	ROI White Balance/ Manual Temp-Tint Adjustment				
Color Rendering Technique	Ultra Fine Color Engine				
Peak Quantum Efficiency	65%		35%		60%
Readout Noise	N/A				
Extinction Ratio	N/A				
Smear	N/A				
Capture/Control API	Native C/C++, C#, Directshow, Twain, Labview				
Recording System	Still Picture and Movie				
Cooling System*	TE-Cooled CCD - 20 °C below Ambient Temperature				

General Specification	
Operating System	Microsoft Windows XP / Vista / 7 (32 & 64 bit) OS X(Mac OS X), Linux CPU: Equal to Intel Core2 2.8GHz or Higher Memory:2GB or More USBPort:USB2.0 High-speed Port Display: 17" or Larger CD-ROM
Operating Temp.	-10~50°C
Storage Temperature	-20~60°C
Operating Humidity	30%~80%RH
Storage Humidity	10%~60%RH
Power Supply	DC 5V over PC USB Port
Color Rendering Technique	Ultra Fine™ Color Engine
Capture Mode	Still Picture and Video
Remarks	Actual frame rates on your computer depend on the hardware and operating system used






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