

Камеры

Технические характеристики

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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: axi@nt-rt.ru || сайт: <https://laxco.nt-rt.ru/>

SeBaCam5C 5.1MP Color Camera



Brightfield Applications

Easily capture publication quality images.

SeBaView Imaging Software

User friendly user interface for viewing and capturing images.

Measurement, Segmentation and Counting

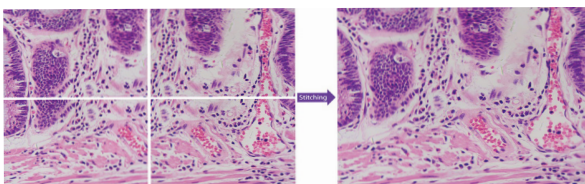
Powerful Analysis tools

Extended Depth of Focus

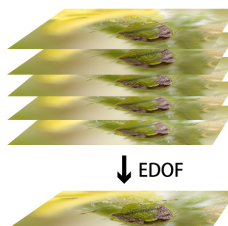
Extended Depth of Focus (EDF) creates one focused image from a series of images captured at different z planes

Image Stitching

Manually combine images to create high-resolution images with a large field of view.



TM

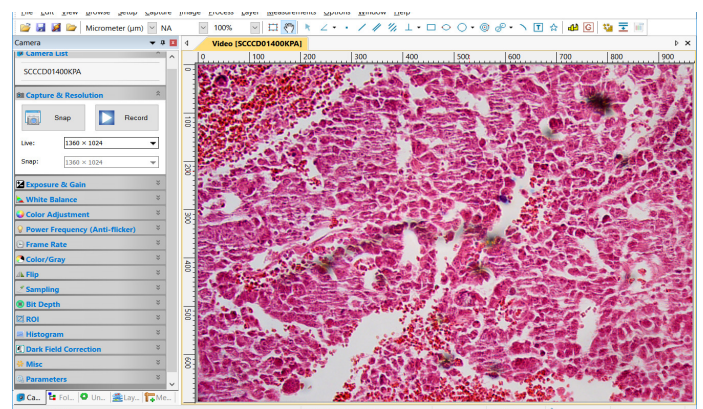


↓ EDF



Key Features

- › 5.1MP CMOS Sensor
- › USB3.0
- › Fast Frame Rate
- › SeBaView Digital Imaging and Analysis Software



Specifications

Hardware Configuration	
Imaging Sensor	MT9P006 CMOS (Color)
CCD Array	2560 X 1922 (5.1mp)
Sensor size	5.7mm x 4.28mm (1/2.5")
Pixel size	2.2 μm x 2.2 μm
Spectral response range	380-650nm (with iR cut-off filter)
Video format and frame rate	14.2fps @ 2560 x 1922 (full frame)
Sampling average (Binning)	1x1, 2x2, 4x4
Long integration range and mode	0.05ms ~ 2000ms
Color Reduction Technology	Ultra-Fine TM color processing engine
Recording mode	Image and video
Camera working environment	
Operating temperature	-10 ~ 50°
Storage temperature	-20 ~ 60°
Operating humidity	30 ~ 80% RH
Storage humidity	10 ~ 60% RH
Software operating environment	
Operating system	Microsoft® Windows® XP / Vista / 7/8/10 (32 & 64 bit)
Computer configuration	CPU: Intel Core 2 2.8GHz or higher
Memory	2GB or more
USB interface	USB3.0 high-speed interface

Catalog Number	
SeBaCam 5C	5.1mp Color CMOS Camera and Imaging Software

SeBaCam 10C 10MP Color Camera



Brightfield Applications

Easily capture publication quality images.

SeBaView Imaging Software

User friendly user interface for viewing and capturing images.

Measurement, Segmentation and Counting

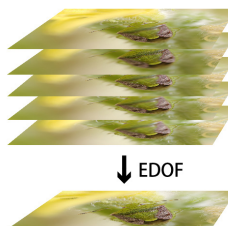
Powerful Analysis tools

Extended Depth of Focus

Extended Depth of Focus (EDF) creates one focused image from a series of images captured at different z planes

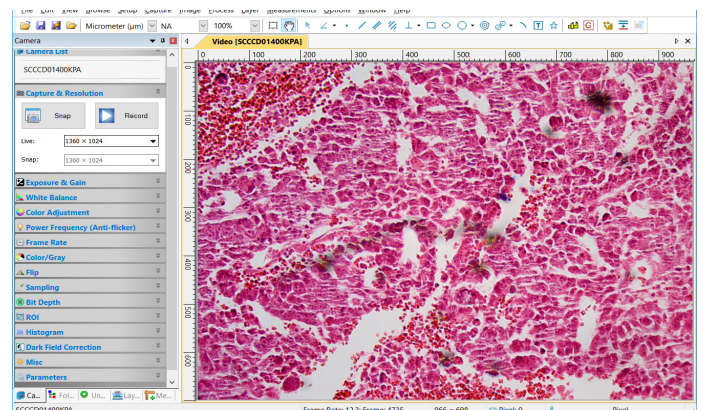
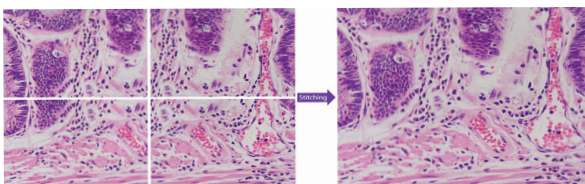
Image Stitching

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Key Features

- › 10MP CMOS Sensor
- › USB3.0
- › Excellent color reproduction
- › SeBaView Digital Imaging and Analysis Software

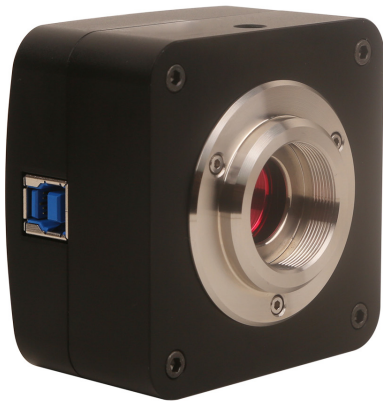


Specifications

Hardware Configuration	
Imaging Sensor	MT9J003 CMOS (Color)
CCD Array	3584 X 2746 (10mp)
Sensor size	6.44mm x 4.616mm [1/2.3"]
Pixel size	1.67 μm x 1.67 μm
Spectral response range	380-650nm (with iR cut-off filter)
Video format and frame rate	7.2fps @ 3584 x 2746 [full frame] 24.5fps @ 1792 x 1372
Sampling average (Binning)	1x1, 2x2, 4x4
Long integration range and mode	0.038ms ~ 2000ms
Color Reduction Technology	Ultra-Fine color processing engine
Recording mode	Image and video
Camera working environment	
Operating temperature	-10 ~ 50°
Storage temperature	-20 ~ 60°
Operating humidity	30 ~ 80% RH
Storage humidity	10 ~ 60% RH
Software operating environment	
Operating system	Microsoft® Windows® XP / Vista / 7/8/10 (32 & 64 bit)
Computer configuration	CPU: Intel Core 2 2.8GHz or higher
Memory	2GB or more
USB interface	USB3.0 high-speed interface

Catalog Number	
SeBaCam10C	10mp Color CMOS Camera and Imaging Software

SeBaCam 20C 20MP Color Camera



Brightfield Applications

Easily capture publication quality images.

SeBaView Imaging Software

User friendly user interface for viewing and capturing images.

Measurement, Segmentation and Counting

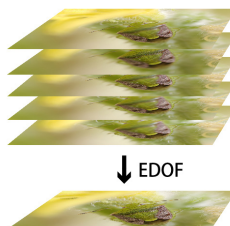
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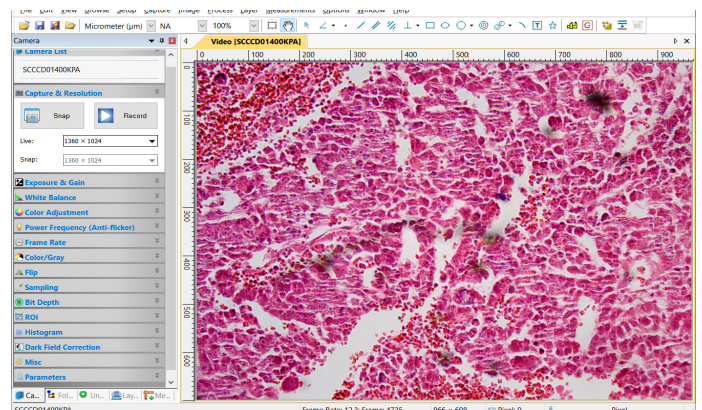
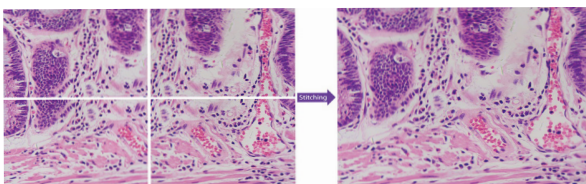
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Key Features

- › 20MP Exmor CMOS Sensor
- › USB3.0
- › Excellent color reproduction
- › SeBaView Digital Imaging and Analysis Software



Specifications

Hardware Configuration	
Imaging Sensor	Sony Exmor CMOS (Color) 20M/IMX183(C)
CMOS Array	48440 x 3648 (20mp)
Sensor size	13.08mm x 8.76mm (1")
Pixel size	2.4 μ m 2 1.4 μ m
Spectral response range	380-650nm (with IR cut-off filter)
Video format and frame rate	15 @5440x3648 50 @2736x1824 60 @1824x1216
Sampling average (Binning)	1x1, 2x2, 3x3
Long integration range and mode	0.1ms ~ 15s
Color Reduction Technology	Ultra-Fine color processing engine
Recording mode	Image and video
Camera working environment	
Operating temperature	-10 ~ 50°
Storage temperature	-20 ~ 60°
Operating humidity	30 ~ 80% RH
Storage humidity	10 ~ 60% RH
Software operating environment	
Operating system	Microsoft® Windows® XP / Vista / 7/8/10 (32 & 64 bit)
Computer configuration	CPU: Intel Core 2 2.8GHz or higher
Memory	2GB or more
USB interface	USB3.0 high-speed interface

Catalog Number	
SeBaCam20C	20mp Color CMOS Camera and Imaging Software

SeBaCamCool1.4 1.4MP CCD Camera

Powerful performance for fluorescence imaging



Research Grade Imaging

Low Light Applications

Laxco's workhorse camera designed for the research environment.

Multi-Channel Fluorescence Imaging

Combine, overlay and pseudo-color multi-channel monochrome fluorescence images.

Measurement, Segmentation and Counting

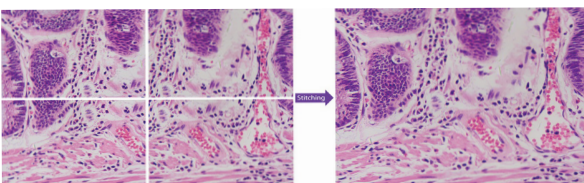
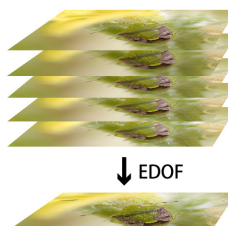
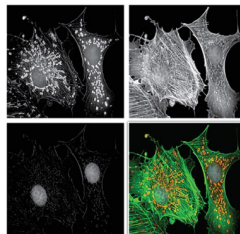
Powerful Analysis tools

Extended Depth of Focus

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Image Stitching

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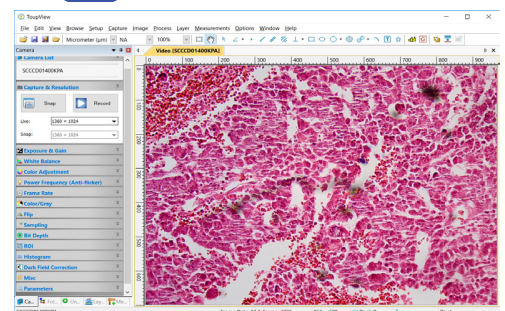
TM



Key Features

- › SONY ICX285AQ CCD
- › High Quantum Efficiency, Low Noise
- › Ideal for Low Light Fluorescence Imaging
- › SeBaView Digital Imaging and Analysis Software

 ***SeBaView**



Specifications

Hardware Configuration	
Imaging Sensor	SONY ICX285AQ Interline CCD (monochrome)
CCD Array	1360 X 1024 [1.4mp]
Sensor size	10.2mm x 8.3mm [11mm diagonal]
Pixel size	6.45 μm x 6.45 μm
Imaging area Size	10.2mm [H] x 8.3mm [V]
G light sensitivity	1240mv in 1 / 30s integration time
Dynamic Range	70dB
A / D Converter	12-bit parallel, 8-bit R.G.B to PC
Signal to noise ratio	62dB
Spectral response range	380-650nm [with iR cut-off filter]
Video format and frame rate	15fps @ 1360 x 1024 [multi frame rate adjustment]
Sampling average [Binning]	1x1
Long integration range and mode	0.12ms ~ 240s, ROI automatic or manual
Color Reduction Technology	Ultra-Fine TM color processing engine
Readout Noise	4.5 e [r.m.s] @ High Gain / 5.6 e [r.m.s] @ Low Gain
Extinction ratio	1: 2000 @ 1ms Exposure range and mode
Recording mode	Image and video
Camera working environment	
Operating temperature	-10 ~ 50°
Storage temperature	-20 ~ 60°
Operating humidity	30 ~ 80% RH
Storage humidity	10 ~ 60% RH
Software operating environment	
Operating system	Microsoft® Windows® XP / Vista / 7/8 [32 & 64 bit]
Computer configuration	CPU: Intel Core 2 2.8GHz or higher
Memory	2GB or more
USB interface	USB2.0 high-speed interface

Catalog Number	
SeBaCamCool1.4M	1.4mp Monochrome Camera and SeBaView Imaging Software
SeBaCamCool1.4C	1.4mp Color Camera and SeBaview Imaging Software

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Казахстан +(727)345-47-04

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