



Product Information
Version 1.1

ZEISS Axiocam 105 color

Your Fast Microscope Camera with 5 Megapixels



We make it visible.

Technical Specifications

› Technology and Details

› Service

ZEISS Axiocam 105 color

Sensor Type	CMOS
Basic Resolution	2560 (H) x 1920 (V) = 5.0 Megapixels
Sensor Size	5.70 mm x 4.28 mm, equivalent to 1/2.5" (diagonal 7.1 mm)
Pixel Size	2.2 µm x 2.2 µm
ROI	Yes (adjustable)
Digitization	3 x 8 bit/pixel
Read-out Mode	Progressive
Filter Mask	RGB Bayer color filter
Spectral Sensitivity	Approx. 400 nm – 650 nm, IR filter
Exposure Time	100 µs – 2 s
Optical Interface	C-mount
Interface (Camera)	USB 3.0 Micro-B
Interface (PC/Board)	USB 3.0 Standard A
Power Supply	Via USB 3.0 interface
Power Consumption	1.7 W (5 V, 0.34 A)
Housing (WxDxH)	29 x 29 x 47.6 mm
Conformity	CE, FCC Class B, RoHS
Included in Delivery	1x Axiocam 105 color
	1x USB 3.0 PCIe x1 interface card/4x USB 3.0 (single bus)
	1x USB 3.0 cable
	1x SATA power connector cable
	1x Molex power connector cable

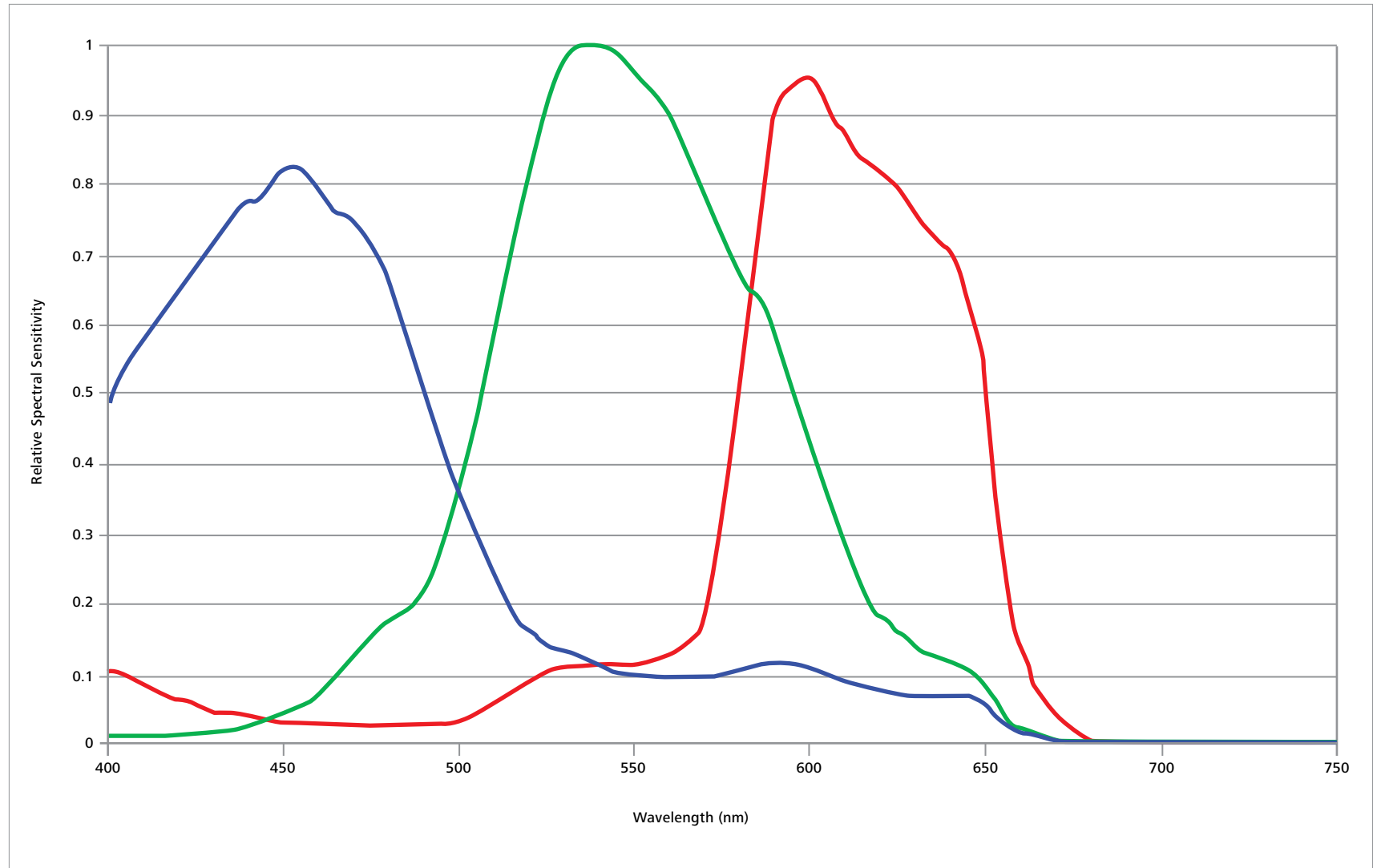
Live Frame Rate (Depending on Hardware and Software Configuration)

H x V	Binning Factor	Frame Rate@1ms
2560 x 1920	1x1	15
1280 x 960	2x2	37
640 x 480	4x4	47
Ambient Conditions	0° ... +50° Celsius, max. 80% relative air humidity, no condensation, free air circulation required	
Operating System	Microsoft® Windows 7 x64 Ultimate SP1	
Software	AxioVision 4.9.1 SP1	
	ZEN 2012 SP2	

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Count on Service in the True Sense of the Word

› Technology and Details

› **Service**

Because the ZEISS microscope system is one of your most important tools, we make sure it is always ready to perform. What's more, we'll see to it that you are employing all the options that get the best from your microscope. You can choose from a range of service products, each delivered by highly qualified ZEISS specialists who will support you long beyond the purchase of your system. Our aim is to enable you to experience those special moments that inspire your work.

Repair. Maintain. Optimize.

Attain maximum uptime with your microscope. A ZEISS Protect Service Agreement lets you budget for operating costs, all the while reducing costly downtime and achieving the best results through the improved performance of your system. Choose from service agreements designed to give you a range of options and control levels. We'll work with you to select the service program that addresses your system needs and usage requirements, in line with your organization's standard practices.

Our service on-demand also brings you distinct advantages. ZEISS service staff will analyze issues at hand and resolve it – whether using remote maintenance software or working on site.

Enhance Your Microscope System.

Your ZEISS microscope system is designed for a variety of updates: open interfaces allow you to maintain a high technological level at all times. As a result you'll work more efficiently now, while extending the productive lifetime of your microscope as new update possibilities come on stream.

Please note that our service products are always being adjusted to meet market needs and maybe be subject to change.



Profit from the optimized performance of your microscope system with services from ZEISS – now and for years to come.

>> www.zeiss.com/microservice

The moment your data change scientific minds.
This is the moment we work for.

› Technology and Details

› Service





Carl Zeiss Microscopy GmbH
07745 Jena, Germany
BioSciences & Materials
microscopy@zeiss.com
www.zeiss.com/axiocam



We make it visible.



inspizieren

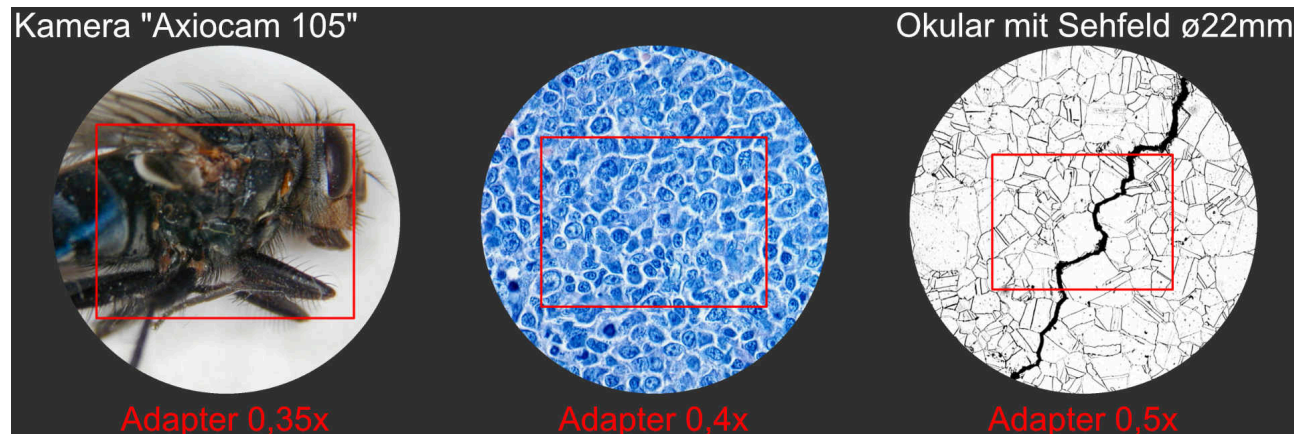


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dokumentieren

Zum Anschluß an Ihr Mikroskop benötigen Sie einen „Kamera-Adapter mit C-Mount“. Diese Adapter haben eine Optik eingebaut um die Sensorgröße der Kamera an das Mikroskop anzupassen.



Auf diesem Bild sehen Sie die Bildausschnitte, die Sie mit der Kamera ZEISS „Axiocam ERc 5s“, an ein Mikroskop mit Okularen „10x(22)“, erhalten würden.

Wir empfehlen für einen Kamera-Adapter mit Optik **0,4x** oder **0,5x** zu verwenden.

Weitere Informationen zur Kamera und der Software finden Sie unter www.mikroskoptechnik.de

Haben Sie weitere Fragen oder benötigen ein Angebot - rufen Sie uns unter

Telefon [03641-828080](tel:03641-828080) an oder schreiben uns eine eMail verkauf@mikroskoptechnik.de