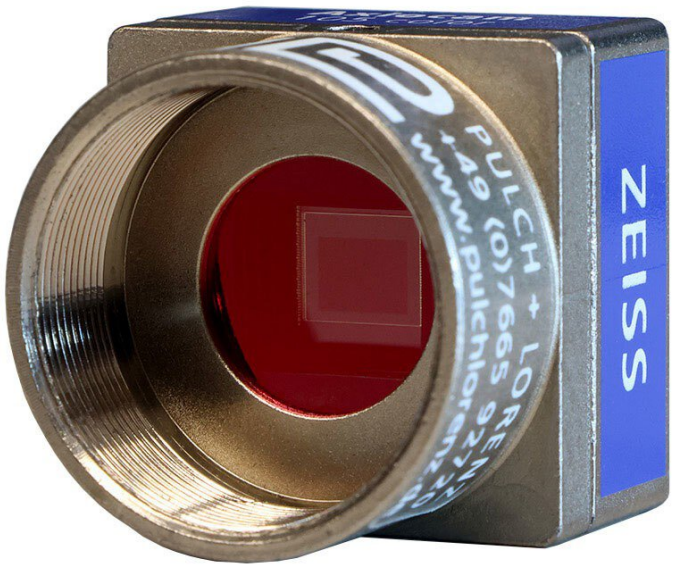
Axiocam 105 color R2 microscope camera (USB3, 5MP, 1/2.24")



Flexible color camera for documentation and routine applications with simple measurement functions. Compatible with Zeiss ZEN light/Blue and ZEN starter/core.

- incl. 64-bit driver software, USB 3.0 connection cable 3.0 m
- incl. Zeiss ZEN light/Blue, ZEN starter/core
- Sensor: CMOS Color Sensor
- Number of pixels: 2592 (H) x 1944 (V) = 5 mega pixels
- Pixel size: 2.2 µm x 2.2 µm
- Chip size: 5.70 mm x 4.28 mm, corresponds to 1/2.24" (diagonal 7.13 mm)
- Live frame rates (depending on hardware and software configuration): HxV frame rate@1ms
- 2592 x 1944 30fps
- Frame rates for time-lapse recordings (depending on hardware and software

configuration): HxV frame rate@1ms
• 2592 x 1944 17fps
• Readout of sensor sub-areas ("ROI"): Freely definable (smallest ROI: H x V: 864 x 1)
• Digitization: 3 x 8 bit / pixel
• Integration time: 100 µs to 2 s
• Interface (camera): USB 3.0 Micro-B
• Interface (PC / card): USB 3.0 Standard A
• Spectral range: approx. 400 to 650 nm, IR filter
• Readout mode: progressive
• Optical interface: C-mount (0.5x adapter recommended)
• Size / weight: approx. 2.9 cm x 2.9 cm x 1.7 cm / approx. 650 g
• Housing: Zinc alloy, zinc Z410
• Approvals: CE, FCC Class B, RoHS
• Power supply: via USB 3.0 interface, 0.5W-1W (5 V, max. 400 mA)
• Ambient conditions: 0° ... +50° Celsius, max.80% relative humidity, non-condensing, free air circulation required
• Supported operating systems: for ZEN: Windows 10 x64
• Supported application software: ZEN 3.5 (Hotfix 5, blue edition) or later, ZEN core v3.4 (Hotfix 4) or later

Item no.	**WL91296**
Manufacturer	ZEISS
Manufacturer article no.	426555-9010-000
GPSR manufacturer data	Carl Zeiss Micromaging GmbH Königsallee 7-9 DE-37081 Göttingen www.zeiss.de
Sales unit	1 piece
Content unit	1 piece
Incl. battery	no
Product type	digital microscope
Connection values	USB 3
ESD compliant	no