

13.3	<p><b>DIGITAL MICROSCOPY CAMERA, 1 PIECE</b></p> <p>Microscopy camera incl. Driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter Hoya C5000 (coated)</p> <ul style="list-style-type: none"> <li>• Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel color</li> <li>• Sensor type: SONY IMX264 Exmor Pregius Global Shutter CMOS</li> <li>• Pixel size: 3.45 <math>\mu</math>m x 3.45 <math>\mu</math>m</li> <li>• Chip size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm)</li> <li>• Spectral range: With IR barrier filter app. 400 nm to 720 nm</li> <li>• Full Well Capacity: Approx. 10,500 e</li> </ul> <p><b>Selectable Resolution:</b></p> <ul style="list-style-type: none"> <li>• H x V Binning Factor</li> <li>• 2464 x 2056 1x1 Basic Resolution</li> <li>• 1232 x 1028 2x2</li> <li>• 816 x 684 3x3</li> <li>• 608 x 514 4x4</li> <li>• 480 x 410 5x5</li> </ul> <p><b>H x V Subsampling Factor</b></p> <ul style="list-style-type: none"> <li>• 2464 x 2056 1x1 Basic Resolution</li> <li>• 1232 x 1028 2x2</li> </ul> <p><b>Live frame rates (depending on hardware and software configuration):</b></p> <ul style="list-style-type: none"> <li>• H x V Frame Rate@1ms</li> <li>• 2464 x 2056 36 fps</li> <li>• 1232 x 1028 88 fps (2x2 Subsampling)</li> </ul> <p><b>Frame rates for time series recording (depending on computer hardware and software configuration) H x V (ROI) Frame Rate</b></p> <ul style="list-style-type: none"> <li>• 2464 x 2056 36 fps</li> <li>• 2048 x 2048 36 fps</li> <li>• 1920 x 1080 67 fps</li> </ul>			
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