



Software Features:

- Image Galerie sortable into Name/Typ/Time
- Image format BMP, JPG, JPEG, PNG
- Auto/manual Exposure
- Manual Gain
- Image Capture, store, print, delete
- Time controlled Image capture
- Auto Sequence mode
- Full Screen Image
- Region of Interest (ROI), Zoom In/Out
- Resolution selectable
- White Balance
- b/w to color selectable
- sharpness/contrast/brightness
- vertical/horizontal Flipping
- RGB color correction
- Selectable language Englisch/German

Made in Germany



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CCD/CMOS USB2.0 Camera *UK-Series*

NEW incl. ImageJ—driver

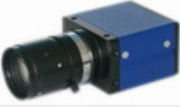



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CCD/CMOS UK- Camera-Series

housing type & figure	features & camera dimension (in mm)	camera	more features					
			resolution	color	sensor size	frame buffer	frame rate	shutter
mini camera 	31 × 45 × 50 • miniaturised housing • 2 × 2 I/Os • 1 TTL Fast Trigger input (fast Trigger) • opto-decoupled, configurable • HIROSE connector • special stress relief at Mini-USB (>> more <<)</td>							
		UK1101 EN	640×480 0,3 MPixel	M / C	1/2" CMOS	32 MByte	160 fps	Global Shutter
		UK1115 EN	752×480 >0,3 MPixel	M / C	1/3" CMOS	32 MByte	60 fps	Global Shutter
		UK1116 EN	752×480 >0,3 MPixel	M / C	1/3" CMOS	32 MByte	60 fps	Global Shutter
		UK1117 DE	768×576 640×480 >0,4 MPixel	M / C	1/2" CCD	32 MByte	50 fps	Global Shutter
		UK1131 EN	1024×768 0,8 MPixel	M / C	1/3" CCD	32 MByte	20 fps	Global Shutter
		UK1155 EN	1280×1024 1,3 MPixel	M	1/2" CMOS	32 MByte	30 fps	Rolling Shutter
		UK1156 DE	1360×1024 1,4 MPixel	M / C	1/2" CCD	32 MByte	7,5 fps	Global Shutter
		UK1157 EN	1360×1024 1,4 MPixel	M / C	1/2" CCD	32 MByte	15 fps	Global Shutter
		UK1158 DE	1360×1024 1,4 MPixel	M / C	2/3" CCD	32 MByte	15 fps	Global Shutter
flat body camera 	47 × 72 × 22 • flat housing • small installation depth • variable sensor alignment (0°, 90°, 180°, 270°)	UK1215 EN	752×480 >0,3 MPixel	M / C	1/3" CMOS	32 MByte	60 fps	Global Shutter
		UK1255 EN	1280×1024 1,3 MPixel	M	1/2" CMOS	32 MByte	30 fps	Rolling Shutter
		UK1275 EN	2048×1536 3,1 MPixel	C	1/2" CMOS	32 MByte	12 fps	Rolling Shutter
		UK1185 DE	2592×1944 5 MPixel	M / C	1/2.5" CMOS	32 MByte	5 fps	Rolling Shutter

The UK- Camera-Series are compact CCD/CMOS USB2.0 cameras designed for industrial and scientific image processing tasks. Typical fields of applications are high resolution measurement, microscopy, documentation and surveillance.

The sensors provide high signal-to-noise ratio even at poor lighting conditions. The global shutter allows image capture of fast moving objects. The short-circuit-proof opto-decoupled digital outputs and opto-decoupled digital inputs are advantageous in order to use the cameras under rough conditions. The cameras can control flashlight illumination. The small body allows assembly flexibility in cases with little space in machines or facilities. The cameras are available as color or monochrome versions.

The fast USB2.0 Interface allows the transmission of high frame rates for noncompressed live images at full sensor resolution. Thus the user has the possibility to implement image processing applications without using a framegrabber. With the integrated high performance DSP, developers may realize image processing or image-preprocessing tasks directly in the camera. Thus the camera can be used as a stand-alone intelligent optical sensor. The built-in 32MB Memory provides the possibility to decouple image capturing and transmission. The cameras come with an application software Image Capture.

ImageJ drive now available as well.

The optional available Software Developers Kit (SDK) supports following languages:

- Visual C++ / C++.NET
- Borland Delphi
- Visual Basic 6
- C# und Visual Basic.NET—optional
- LabView—optional
- HALCON—optional

Sample programmes are included.

