





ABS Camera Families



USB2.0 cameras

Body type	Picture	Dimensions + features	Camera type	Properties (resolution, sensor size, image memory, fps over USB, shutter)
Mini camera		31 mm x 45 mm x 50 mm <ul style="list-style-type: none"> miniaturized body 2 x 2 I/O interfaces (opto-decoupled, configurable) 1 TTL fast trigger input HIROSE plug socket, special pull relief for mini USB plug 	UK1101-M/C	CMOS, 640 x 480, 1/2", 32 MB, 70 fps, global shutter
			UK1116-M/C	CMOS, 752 x 480, 1/3", 32 MB, 62 fps, global shutter
			UK1117-M/C	CCD, 782 x 582, 1/2", 32 MB, 50 fps, global shutter
			UK1131-M/C	CCD, 1024 x 768, 1/3", 32 MB, 20 fps, global shutter
			UK1153 M/C	CMOS, 1280 x 1024, 1/2", 32 MB, 20 fps, rolling shutter
			UK1155-M	CMOS, 1280 x 1024, 1/2", 32 MB, 20 fps, rolling shutter
			UK1156-M/C	CCD, 1360 x 1024, 1/2", 32 MB, 7,5 fps, global shutter
			UK1157-M/C	CCD, 1360 x 1024, 1/2", 32 MB, 15 fps, global shutter
			UK1158-M/C	CCD, 1360 x 1024, 2/3", 32 MB, 15 fps, global shutter
			UK1159-M/C	CCD, 1360 x 1024, 1/2", 32 MB, 15 fps, global shutter
			UK1175-C	CMOS, 2048 x 1536, 1/2", 32 MB, 8,5 fps, rolling shutter
			UK1177-C	CCD, 2080 x 1542, 1/1,8", 32 MB, 17 fps, global shutter
			UK1185-M/C	CMOS, 2592 x 1944, 1/2,5", 32 MB, 5 fps, rolling shutter
UK1187-C	CCD, 2580 x 1944, 2/3", 32 MB, 11 fps, global shutter			
Flat camera		47 mm x 72 mm x 22 mm <ul style="list-style-type: none"> flat body variable orientation (0°, 90°) of sensor assembly small device depth 	UK1215-M/C	CMOS, 752 x 480, 1/3", 32 MB, 62 fps, global shutter
			UK1255-M	CMOS, 1280 x 1024, 1/2", 32 MB, 20 fps, rolling shutter
			UK1275-C	CMOS, 2048 x 1536, 1/2", 32 MB, 8,5 fps, rolling shutter
			UK1285-M/C	CMOS, 2592 x 1944, 1/2,5", 32 MB, 5 fps, Rolling Shutter
Cylindrical camera		Ø 39,6 mm / length 150 mm <ul style="list-style-type: none"> cylindrical body for C-mount lenses protection standard IP 65/IP 67 optionally with smaller diameter: Ø 39,6 mm / length 150 mm USB bus powered 	UK1355-M	CMOS, 1280 x 1024, 1/2", 32 MB, 20 fps, rolling shutter
			UK1375-C	CMOS, 2048 x 1536, 1/2", 32 MB, 8,5 fps, rolling shutter

Line cameras (USB2.0)

Body type	Picture	Dimensions + features	Camera type	Properties (resolution, sensor size, image memory, fps, shutter)
GMK I (CCD-Line camera)		91 mm x 91 mm x 86 mm <ul style="list-style-type: none"> anodized alu with cool-fin USB 2.0 opto-decoupled IOs configurable IOs optional external power supply 	LC1544-M	CCD monochrome, 2048 x 1, 32 MB, 12 kHz, global shutter pixel size 13 µm x 500 µm

design and specification can change without notice

* M/C monochrome/color

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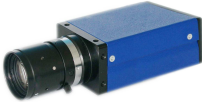
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SWIR (NIR)-USB2.0- cameras

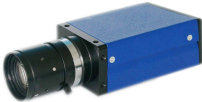
(InGaAs matrix sensor, Spectral range 0,9, ... 1,7 µm)

Body type	Picture	Dimensions + features	Camera type	Properties (resolution, sensor size, image memory, fps, shutter)
GMK I (SWIR camera)		91 mm × 91 mm × 86 mm <ul style="list-style-type: none"> anodized alu with cool-fin USB 2.0 opto-decoupled los configurable IOs optional external power supply 	IK1512	InGaAs, 320 × 256, ca.3/2", 64 MB, 100 fps, global shutter
			IK1523	InGaAs, 640 × 512, ca.1 1/4", 64 MB, 30 fps, global shutter
Mini camera II (SWIR camera)		56 mm × 46 mm × 94 mm <ul style="list-style-type: none"> miniaturized body USB bus powered opto-decoupled, configurable IOs 	IK1112	InGaAs, 320 × 256, ca.3/2", 64 MB, 100 fps, global shutter

DVI Cameras

Body type	Picture	Dimensions + features	Camera type	Properties (resolution, sensor size, image memory, fps, shutter)
DVI camera		51 mm × 51 mm × 110 mm <ul style="list-style-type: none"> industrial-suited body multi-norm output (DVI, RGB, S-Video, CVBS) real time image processing with up to 100 megapixel/s online dynamic optimization, bad pixel and shading correction profil projector function with dxf-interface 	DK8075-C	CMOS, 2048 × 1536, 1/2", 60 fps, rolling shutter, different output formats, high performance image processing, less than 4 Watt power consumption
			DK8085-C	CMOS, 2592 × 1944, 1/2.5"; rolling shutter / in preparation
DVI camera with separated camera head		51 mm × 51 mm × 110 mm <ul style="list-style-type: none"> separated camera head protection standard IP 65/IP 67 separation distance up to 10 m multi-norm outputs (DVI, RGB, S-Video, FBAS) 	DK8475-C	properties analogous to DK8075-C (see above)

GigE cameras

Body type	Picture	Dimensions + features	Camera type	Properties (resolution, sensor size, image memory, fps, shutter)
GigE camera		56 mm × 46 mm × 94 mm <ul style="list-style-type: none"> industrial-suited body GigE Vision GenICam Power-over-Ethernet (PoE) optional: optical fiber connection 	GK1117-M/C GK1131-M/C GK1156-M/C GK1157-M/C GK1158-M/C	properties analogous to UK11xx USB mini cameras (see above)
			GK1101-M/C	CMOS, 640 × 480, 1/2", 32 MB, 170 fps, global shutter
			GK1116-M/C	CMOS, 752 × 480, 1/3", 32 MB, 62 fps, global shutter
			GK1153-M/C	CMOS, 1280 × 1024, 1/2", 32 MB, 40 fps, rolling shutter
			GK1155-M	CMOS, 1280 × 1024, 1/2", 32 MB, 30 fps, rolling shutter
			GK1175-C	CMOS, 2048 × 1536, 1/2", 32 MB, 12.6 fps, rolling shutter
			GK1185-M/C	CMOS, 2592 × 1944, 1/2.5", 32 MB, 9 fps, rolling shutter

design and specification can change without notice

* M/C monochrome/color

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