

3iCube

USB 3.0 cameras - Powerful and individually optimizable



TECHNICAL DATA

BC = Board-level
IC = Housing

Camera model	Sensor type	Image sensor	Resolution [px]	Frames per second	Format	Pixel size [µm]	Shutter
BC/IC1130BU	mono	MT9M001	1280 x 1024 / SXGA	24	1/2"	5.2	R
BC/IC4133BU	mono	EV76C560	1280 x 1024 / SXGA	60	1/1.8"	5.3	G; R; GR
BC/IC4133CU	color	EV76C560	1280 x 1024 / SXGA	60	1/1.8"	5.3	G; R; GR
BC/IC4203BU	mono	EV76C570	1600 x 1200 / UXGA	47	1/1.8"	4.5	G; R; GR
BC/IC4203CU	color	EV76C570	1600 x 1200 / UXGA	47	1/1.8"	4.5	G; R; GR
IC2234BU	mono	IMX249	1920 x 1200 / WUXGA	37	1/1.2"	5.86	G
IC2234CU	color	IMX249	1920 x 1200 / WUXGA	37	1/1.2"	5.86	G
BC/IC1500BU	mono	MT9P031	2592 x 1944 / QSXGA	14	1/2.5"	2.2	RGR
BC/IC1500CU	color	MT9P001	2592 x 1944 / QSXGA	14	1/2.5"	2.2	RGR
BC/IC11000BU	mono	MT9J003	3840 x 2748 / WQUXGA	7.5	1/2.3"	1.67	RGR
BC/IC11000CU	color	MT9J003	3840 x 2748 / WQUXGA	7.5	1/2.3"	1.67	RGR

Legend: R: rolling / G: global / GR: global reset / RGR: rolling mit global reset

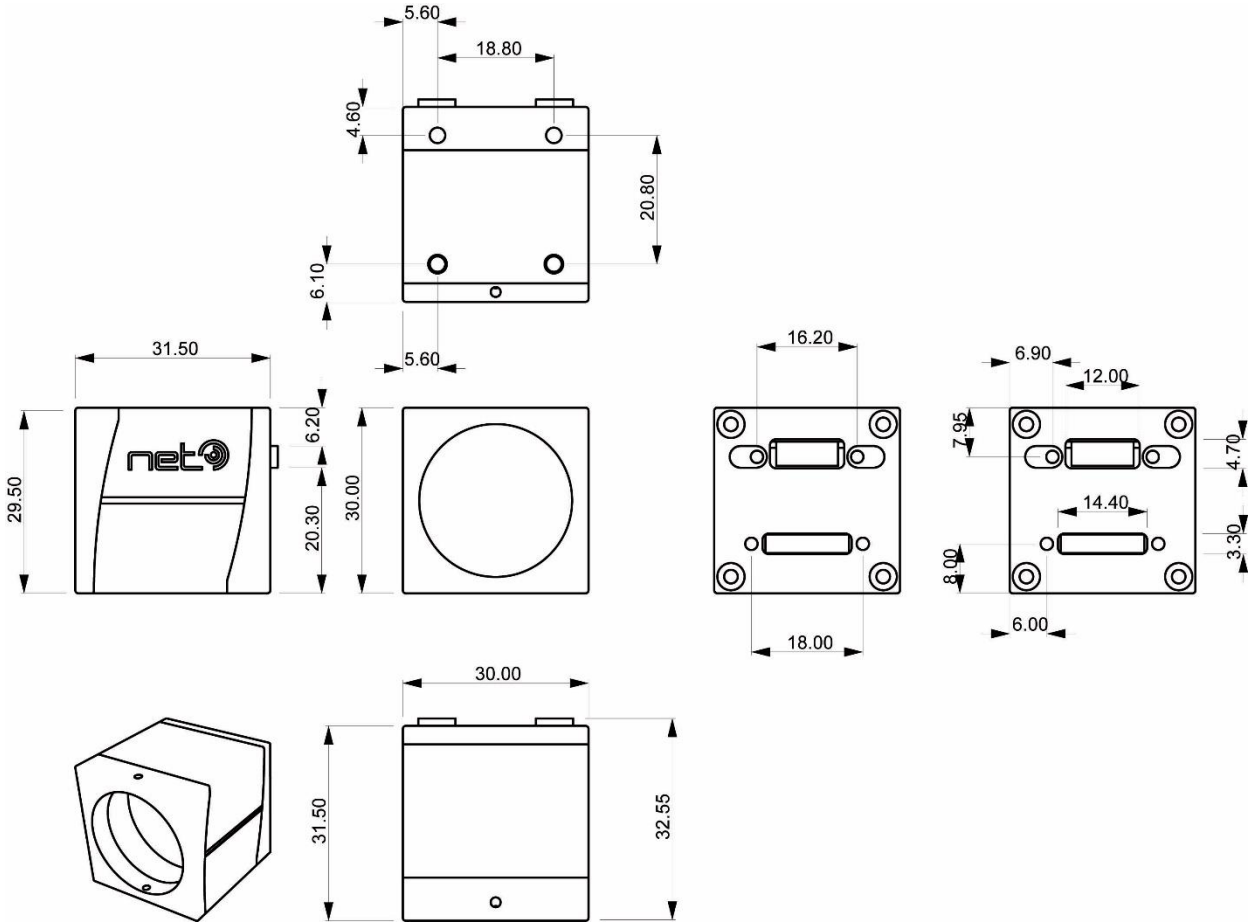
Lens mount	C, CS
Scanning system	progressive
Trigger	external, software
Strobe	yes
GPIO	3x
Interface	USB 3.0: iControl SDK USB3 Vision: SynView SDK optional: UVC (USB Video Class Device)
Dimensions (WxHxD) [mm]	BC: 28 x 28 x 22 IC: 30 x 30 x 31.5
Weight [g]	BC: 13 IC: 42
USB connector	micro USB3.0 B - lockable
Operating temperature [°C]	0 to +45
Digital I/O connector	8 pin - lockable
Power consumption [W]	< 1.5 (model specific: < 1.0)

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LAYOUT



Unit: mm