

iCube

USB 2.0 cameras as housing and board-level versions



TECHNICAL DATA

KS = Board-level
NS = Housing

Camera model	Sensor	Image sensor	Resolution [px]	Frames per second	Format	Pixel size [µm]	Shutter
KS/NS4133BU	monochrome	EV76C560	1280 x 1024 / SXGA	25	1/1.8"	5.3	G; R; GR
KS/NS4133CU	color	EV76C560	1280 x 1024 / SXGA	25	1/1.8"	5.3	G; R; GR
KS/NS4203BU	monochrome	EV76C570	1600 x 1200 / UXGA	20	1/1.8"	4.5	G; R; GR
KS/NS4203CU	color	EV76C570	1600 x 1200 / UXGA	20	1/1.8"	4.5	G; R; GR
*KS/NS11000BU	monochrome	MT9J003	3840 x 2748 / WQUXGA	3	1/2.3"	1.67	RGR
*KS/NS11000CU	color	MT9J003	3840 x 2748 / WQUXGA	3	1/2.3"	1.67	RGR

* available until 31.05.2024

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

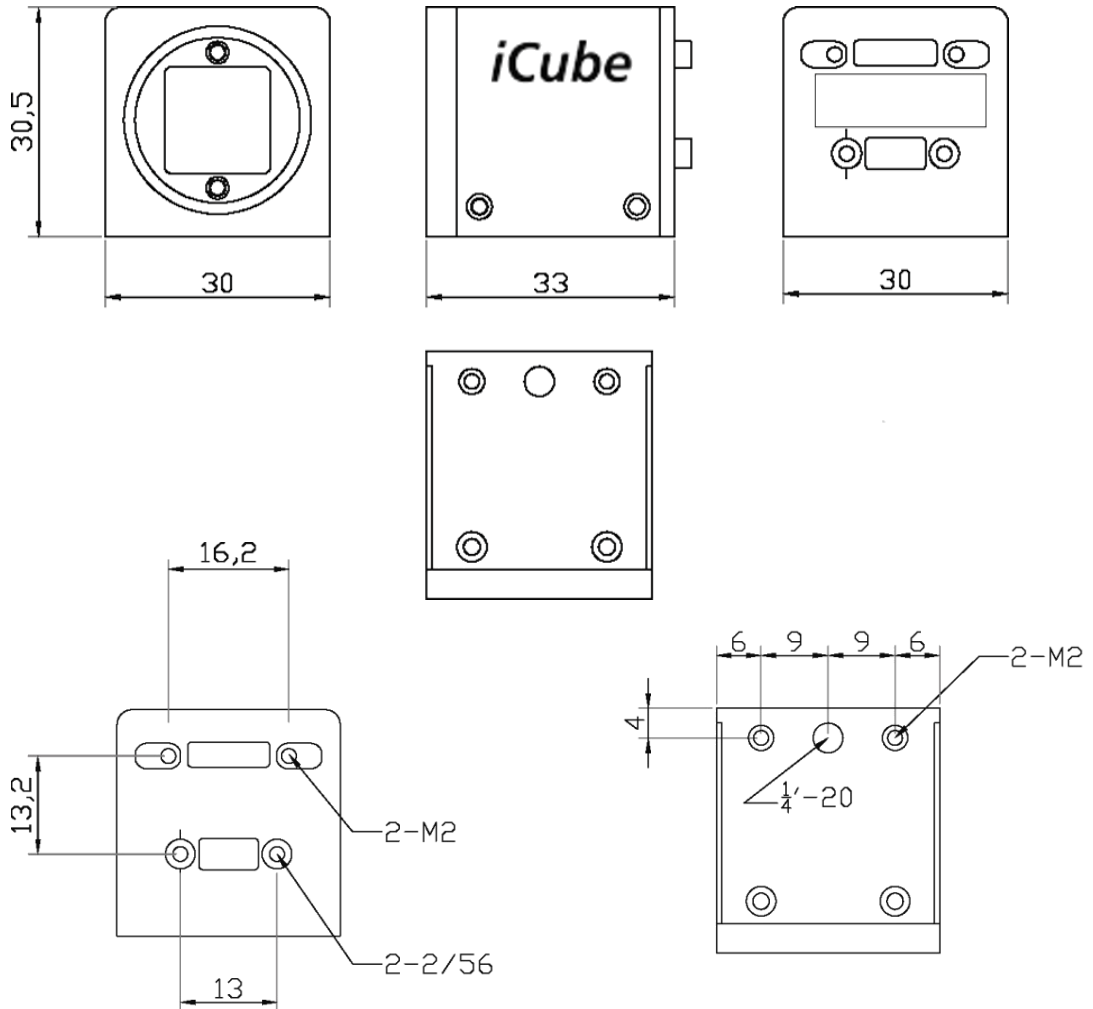
Lens mount	C, CS
Scanning system	progressive
Trigger	external, software
Strobe	yes
Interface	USB 2.0 / 480 Mbps
Dimensions (WxHxD) [mm]	KS: 28 x 28 x 22 NS: 30 x 30.5 x 33
Weight [g]	KS: 14 NS: 44
USB connector	mini-B USB
Operating temperature [°C]	0 to +45
Digital I/O connector	8 pin - lockable
Power consumption [W]	< 1.5 (model specific: < 1.0)

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LAYOUT



Unit: mm