

iCube

USB 2.0 cameras as housing and board-level versions

MACHINE VISION

TECHNICAL DATA

KS = Board-level
NS = Housing

Camera model	Sensor	Resolution [px]	Frames per second	Format	Shutter
KS/NS1044BU	Monochrome	752 x 480 / WVGA	86	1/3"	global
KS/NS1044CU	Color	752 x 480 / WVGA	86	1/3"	global
KS/NS1130BU	Monochrome	1280 x 1024 / SXGA	25	1/2"	rolling
KS/NS1130CU	Color	1280 x 1024 / SXGA	25	1/3"	rolling
KS/NS4133BU	Monochrome	1280 x 1024 / SXGA	25	1/1.8"	global; rolling; global reset
KS/NS4133CU	Color	1280 x 1024 / SXGA	25	1/1.8"	global; rolling; global reset
KS/NS4203BU	Monochrome	1600 x 1200 / UXGA	20	1/1.8"	global; rolling; global reset
KS/NS4203CU	Color	1600 x 1200 / UXGA	20	1/1.8"	global; rolling; global reset
KS/NS1500BU	Monochrome	2592 x 1944 / QSXGA	6	1/2.5"	rolling with global reset
KS/NS1500CU	Color	2592 x 1944 / QSXGA	6	1/2.5"	rolling with global reset
KS/NS11000BU	Monochrome	3840 x 2748 / WQUXGA	3	1/2.3"	rolling with global reset
KS/NS11000CU	Color	3840 x 2748 / WQUXGA	3	1/2.3"	rolling with global reset

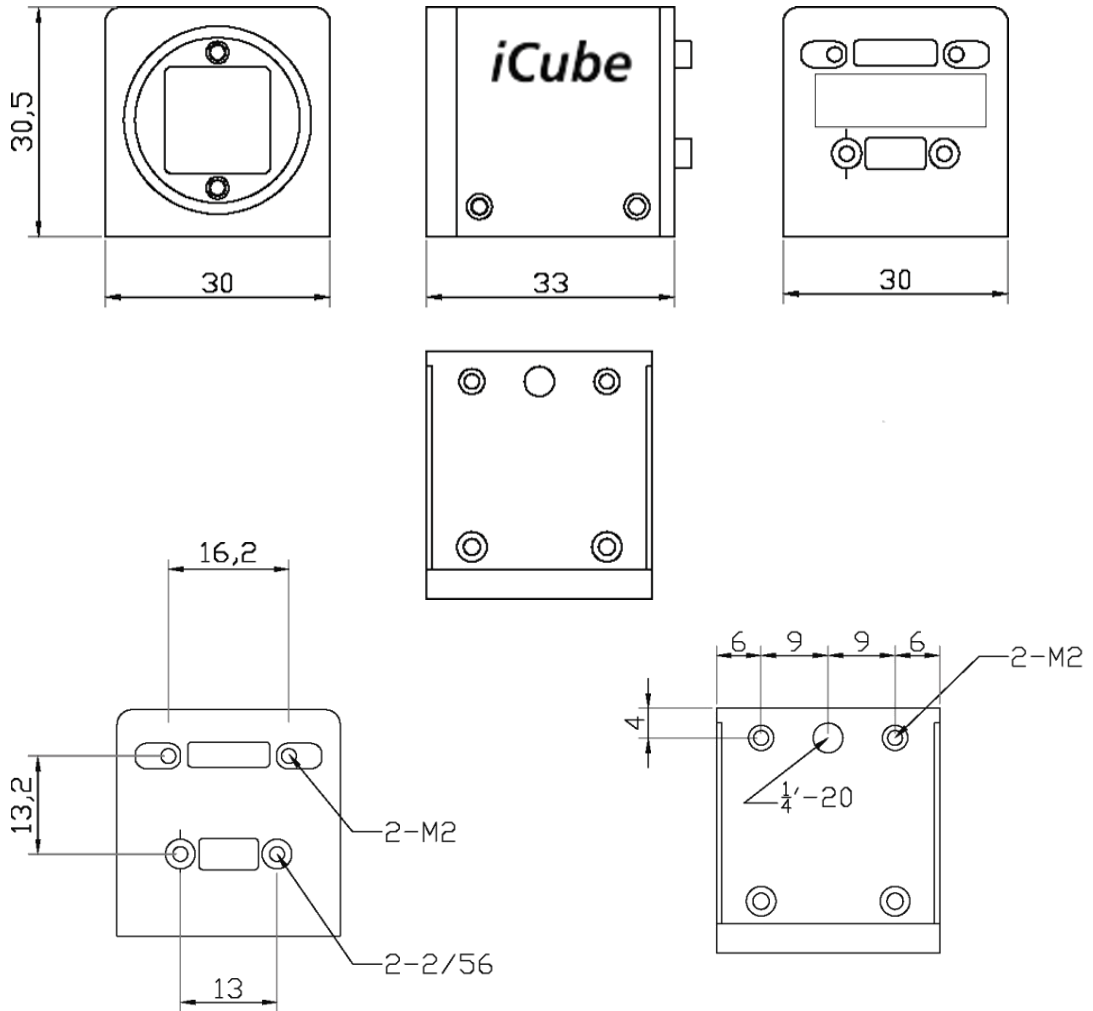
Lens mount	C, CS
Scanning System	progressiv
Trigger	external, software
Strobe	yes
GPIO	3x
Interface	USB 2.0 / 480 Mbps
Dimensions (WxHxD) [mm]	KS: 28 x 28 x 22 NS: 30 x 30.5 x 33
Weight [g]	KS: 14 NS: 44
USB connector	mini-B USB
Operating temperature [°C]	0 to +45
Digital I/O connector	8 pin - lockable
Power consumption [W]	< 1.5 (model specific: < 1.0)

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LAYOUT



Unit: mm