

# 3iCube

USB 3.0 cameras - Powerful and individually optimizable

## TECHNICAL DATA

BC = Board-level  
IC = Housing

Camera model	Sensor	Resolution [px]	Frames per second	Format	Shutter
BC/IC1044BU	Monochrome	752 x 480 / WVGA	86	1/3"	global
BC/IC1044CU	Color	752 x 480 / WVGA	86	1/3"	global
BC/IC1130BU	Monochrome	1280 x 1024 / SXGA	24	1/3"	rolling
BC/IC1130CU	Color	1280 x 1024 / SXGA	24	1/3"	rolling
BC/IC4133BU	Monochrome	1280 x 1024 / SXGA	60	1/1.8"	global; rolling; global reset
BC/IC4133CU	Color	1280 x 1024 / SXGA	60	1/1.8"	global; rolling; global reset
BC/IC4203BU	Monochrome	1600 x 1200 / UXGA	47	1/1.8"	global; rolling; global reset
BC/IC4203CU	Color	1600 x 1200 / UXGA	47	1/1.8"	global; rolling; global reset
BC/IC2234BU	Monochrome	1920 x 1200 / WUXGA	37	1/1.2"	global
BC/IC2234CU	Color	1920 x 1200 / WUXGA	37	1/1.2"	global
BC/IC1300CU	Color	2048 x 1536 / QXGA	12	1/2"	rolling
BC/IC1500BU	Monochrome	2592 x 1944 / QSXGA	14	1/2.5"	rolling with global reset
BC/IC1500CU	Color	2592 x 1944 / QSXGA	14	1/2.5"	rolling with global reset
BC/IC11000BU	Monochrome	3840 x 2748 / WQUXGA	7.5	1/2.3"	rolling with global reset
BC/IC11000CU	Color	3840 x 2748 / WQUXGA	7.5	1/2.3"	rolling with global reset

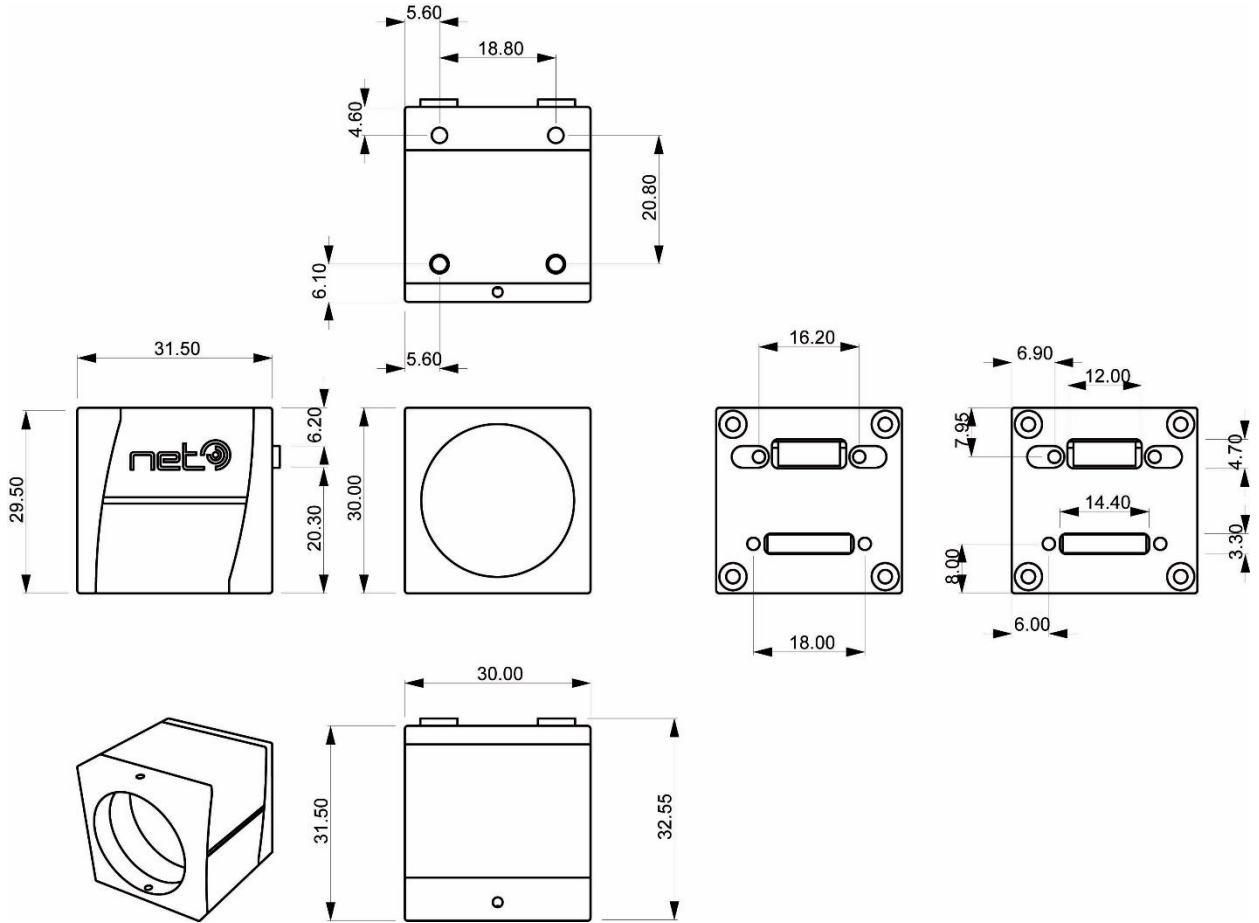
<b>Lens mount</b>	C, CS
<b>Scanning System</b>	progressiv
<b>Trigger</b>	external, software
<b>Strobe</b>	yes
<b>Interface</b>	USB 3.0: iControl SDK USB3 Vision: SynView SDK   optional: UVC (USB Video Class Device)
<b>Dimensions (WxHxD) [mm]</b>	BC: 28 x 28 x 22   IC: 30 x 30 x 31.5
<b>Weight [g]</b>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

Technical Datasheet

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## LAYOUT



Unit: mm