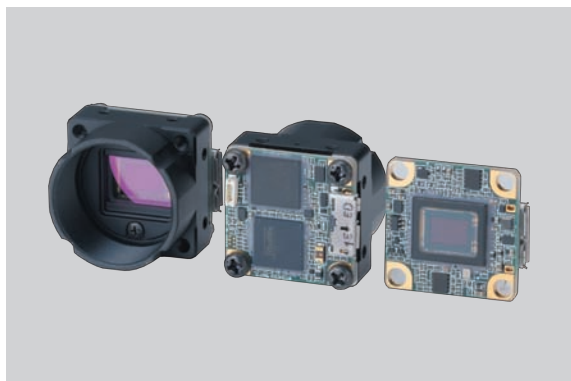


# USB3.0 Small Board Camera

USB3.0



## Description

USB3 Vision Small Board Camera

## Features

Small board camera that can be installed in spaces with limited depth

6.4 MP rolling shutter camera

Lens mount options: without mount, C mount, CS mount, or S mount

## Product Line-up

Global shutter models								
Model	Monochrome/Color	Resolution	Frame Rate	Effective Pixels (H x V)	Sensor Size	Cell Size (μm)	Sensor	Lens Mount
STC-BBS43U3V	Monochrome	0.4M	527.1 fps	720 × 540	1/2.9	6.9 × 6.9	IMX287	---
STC-BCS43U3V	Color							---
STC-BBS43U3V-BC	Monochrome							C
STC-BCS43U3V-BC	Color							C
STC-BBS43U3V-BL	Monochrome							S
STC-BCS43U3V-BL	Color							S
STC-BBS163U3V	Monochrome	1.6M	238 fps	1440 × 1080	1/2.9	3.45 × 3.45	IMX273	---
STC-BCS163U3V	Color							---
STC-BBS163U3V-BC	Monochrome							C
STC-BCS163U3V-BC	Color							C
STC-BBS163U3V-BL	Monochrome							S
STC-BCS163U3V-BL	Color							S
STC-BBS502U3V	Monochrome	5M	70.8 fps	2448 × 2048	1/1.8	2.74 × 2.74	IMX568	---
STC-BCS502U3V	Color							---
STC-BBS502U3V-BC	Monochrome							C
STC-BCS502U3V-BC	Color							C
STC-BBS502U3V-BL	Monochrome							S
STC-BCS502U3V-BL	Color							S

Rolling shutter models								
Model	Monochrome/Color	Resolution	Frame Rate	Effective Pixels (H x V)	Sensor Size	Cell Size (μm)	Sensor	Lens Mount
STC-BBS642U3V	Monochrome	6.3M	29.5 fps	3072 × 2048	1/1.8	2.4 × 2.4	IMX178	---
STC-BCS642U3V	Color							---
STC-BBS642U3V-BC	Monochrome							C
STC-BCS642U3V-BC	Color							CS
STC-BBS642U3V-BCS	Monochrome							S
STC-BCS642U3V-BCS	Color							
STC-BBS642U3V-BL	Monochrome							
STC-BCS642U3V-BL	Color							
STC-BBS1242U3V	Monochrome	12M	25.8 fps	4000 × 3000	1/1.7	1.85 × 1.85	IMX226	---
STC-BCS1242U3V	Color							---
STC-BBS1242U3V-BC	Monochrome							C
STC-BCS1242U3V-BC	Color							---

Note. JST's 04SUR-32 connector or equivalent wiring harness is separately needed to use I/O signals (camera equipped with BM04B-SURS-TF (JST) equivalent connector). For details on pin arrangement, refer to product specification documents, available for download on our website (<https://sentech.co.jp/en/>).

