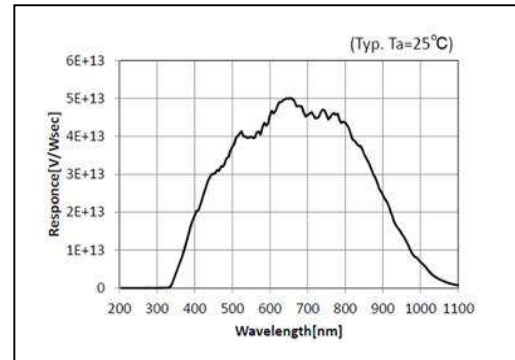


BV-C2953 NUV Area Scan Camera (BTO)

High sensitivity and Compact sized Area scan camera which covers 350nm (NUV) to 1000nm range of wavelength.



Sensor Spectrum

VGA CMOS sensor without cover glass is built in.

It is able to capture NUV area of image, and suitable for **Laser profile** and **Optical measurement** due to no aberration by non-cover glass.

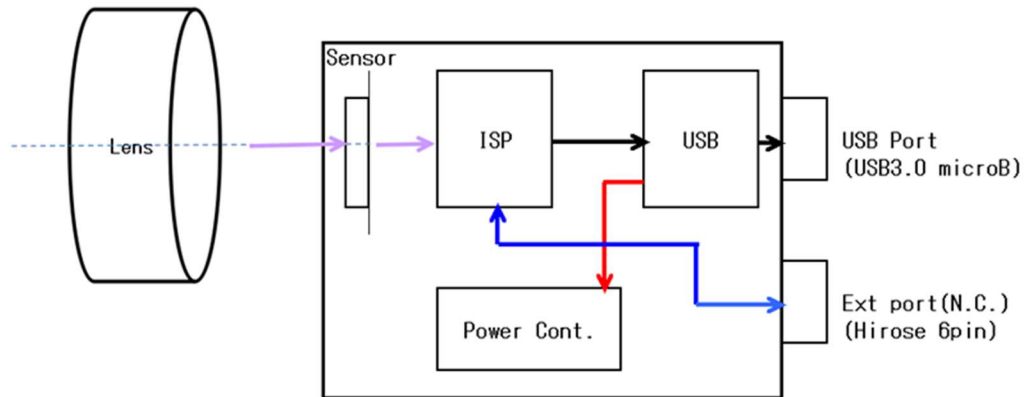
USB3.0 is used for camera interface.

BV-C2953 is a build-to-order product.

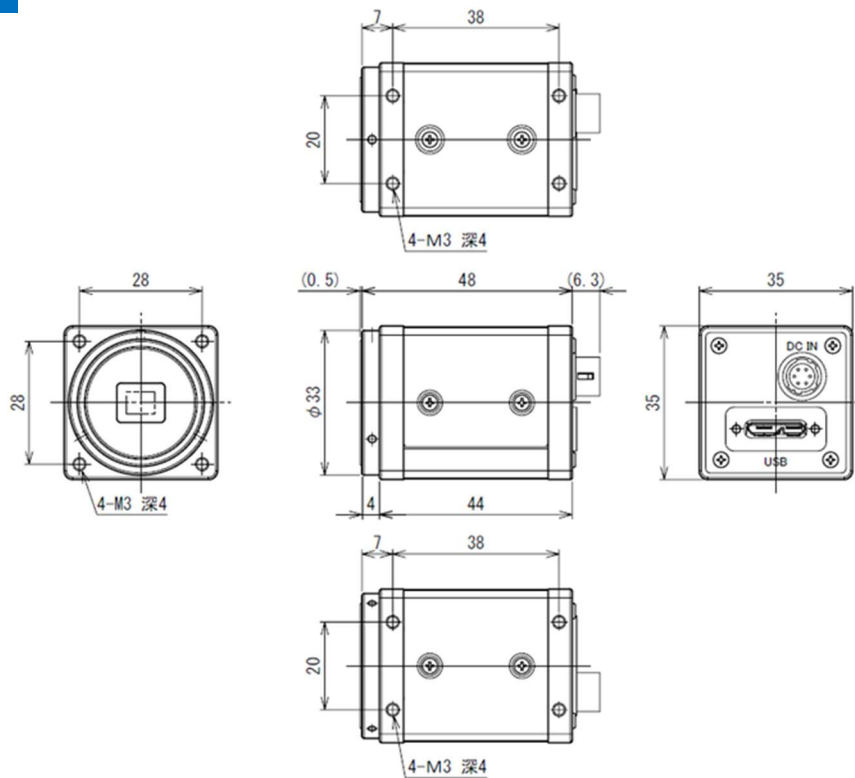
Item	BV-C2953
Sensor	Resolution : 640(H) x 480(V) Image size : 6.34mm×4.75mm Non sensor cover glass model
Band width	350nm ~ 1000nm
Synchronization	Internal sync
Frame rate	59.94 fps(max)
Minimum illumination 最低	1.0 lx (Lens F1.4, Gain max)
Image output	YUV422(YUV2)
S/N	TBD
Gain	Gain x1, x2, x8 selectable
ycorrection	available
Iris control	OFF/ Auto
Electric shutter	OFF, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000
Camera Interface	USB3.0 microB x1port (Windows7, Windows8, Windows10 recommended)
Lens mount	C mount
Flange back	17.526mm tolerance 0 ~ -0.05mm
Powe supply	USB
Operation temp./humidity	-10°C ~ +40°C / 20% ~ 80% (No condensation)
Storage temp./humidity	-30°C ~ +60°C / 20% ~ 80% (No condensation)
Dimension (WxHxD)	35 x 35 x 48mm
Weight	96g
Camera control	Via USB

- Specifications are subject to change without prior notice.

Block Diagram



Dimensions



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