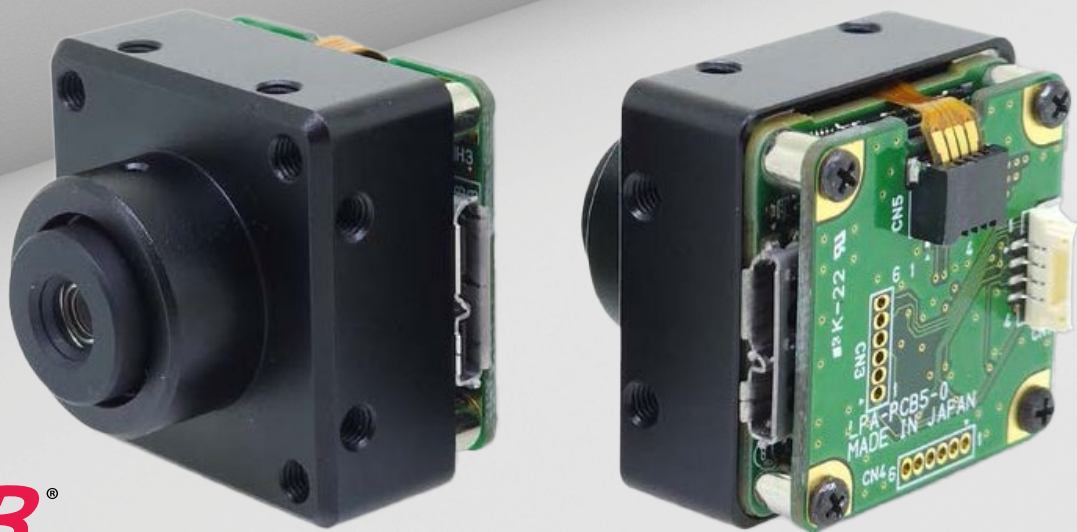


Camera with Liquid Lens



USB[®]
VISION

NEW

USB3 Vision Board Camera with Focus-adjustable Liquid Lens

A compact camera switchable focus between multiple distances at high speed without using moving parts.

The focus can be adjusted in about 0.1 sec.

Features

- Lens integrated camera.
- 29mm(W) x 29mm(H) x 32.05mm(D) compact size.
- Focus change in about 0.1 sec(manual).
- Focus range: 70mm~infinity.
- 8 camera setups are storable.
- Focal length 9.6mm, F value 3.7 type.
- Easy operation with OMRON Sentech viewer S/W & controlling with a single USB cable.

Would you like to know more?

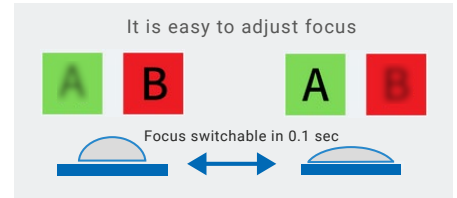
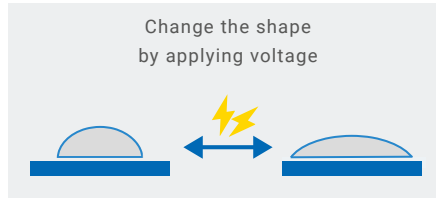
OMRON Europe B.V.

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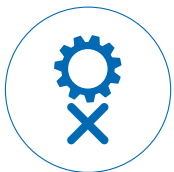
What is liquid lens?

An optical component that adjusts the focus of a lens by applying voltage to change the shape of the surface of water and oil in a container and control the degree of refraction on light.

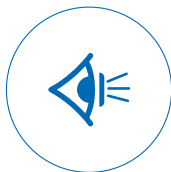


Features

6 strong points compared to conventional mechanical autofocus lenses



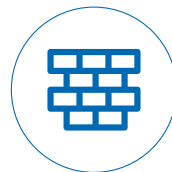
No moving part



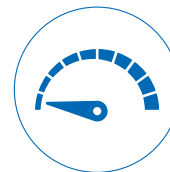
Proximity focus ability
70mm~infinity



Focus adjustment
in about 0.1 second



Durability of about
100million cycles



Lower power
consumption of
1mW or less



Silent



Futher benefits



Compact size



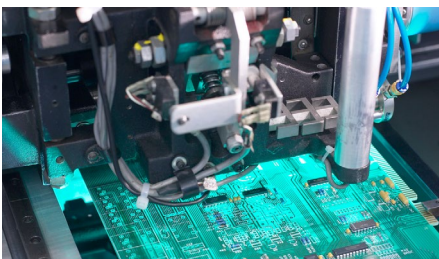
High speed



Low cost

Application

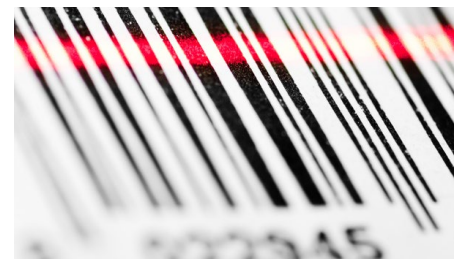
It can be used for various applications such as machine vision, medical fields and barcode readers.



Machine Vision



Medical fields



Barcode reader

Line-up

You can choose the resolution of the camera and the focal length of the liquid lens.

Model	Resolution	Mono / Color	Lens spec
STC-BBS43U3V-VF096	0.4M	Mono	9.6mm Liquid lens
STC-BCS43U3V-VF096	0.4M	Color	9.6mm Liquid lens
STC-BBS163U3V-VF096	1.6M	Mono	9.6mm Liquid lens
STC-BCS163U3V-VF096	1.6M	Color	9.6mm Liquid lens
STC-BBS502U3V-VF096	5M	Mono	9.6mm Liquid lens
STC-BCS502U3V-VF096	5M	Color	9.6mm Liquid lens

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Would you like to know more?

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