

# PRODUCTS

## Arctic 316

### Target Applications

The ARCTIC 316 variable focus liquid lens is designed for 1/4" and 1/3" optical systems such as: barcode readers, industrial cameras, medical imaging, biometry,... Its small size, large dynamic range and low wave front distortion will deliver outstanding performance, even in low light conditions. It can also fit larger sensor formats, depending on f number requirements.

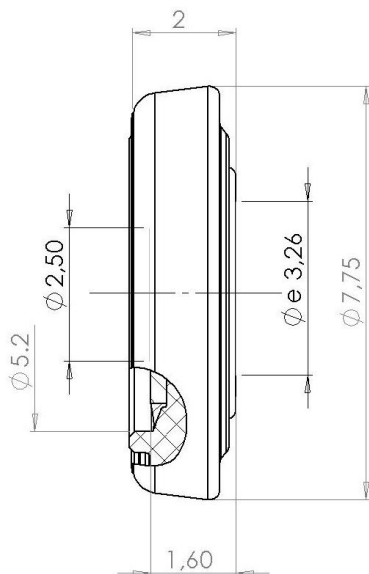
### Key Features

- Supports Continuous Auto focus for video up to 30 fps
- Silent
- Fast response time, < 20ms
- Focus range supports from 5 cm to infinity
- Easy to integrate

### Specifications

Typical performance at 25°C

• Low Optical power	-5 dioptres ( $m^{-1}$ )
• High optical power	+13 dioptries ( $m^{-1}$ )
• Wave Front Error	85 nm (rms)
• Transmission @ 587nm	97%
• Storage Temperature	from -40 to 85°C
• Operating Temperature	from -20 to 60°C



### Getting Started with Liquid Lenses

For more detailed information on optical, mechanical, electrical performance and design, please contact [sales@varioptic.com](mailto:sales@varioptic.com).

