



Caspian C-39N0-16

Description

The Caspian C-39N0-16 is an electronically focus controllable C-Mount lens, based on the Arctic 39N0 Liquid Lens. It incorporates all necessary electronic components to drive the Liquid Lens, and just needs a DC power supply; focus can be controlled through either an RS232, I2C, Analog or SPI input. With a 16 mm effective focal length, and 2/3" sensor compatibility, it is specifically designed for machine vision applications

Ordering information

Caspian C-39N0-16-XX

where XX determines objective configuration :

I2C : I2C or analog operation

RS232-3 : RS232 with 3.3 V signal or analog operation

RS232-12 : RS232 with 12 V signal or analog operation

SPI : SPI operation only

Key Features

- o Variable focus from 10 cm to infinity
- o Silent
- o Supports I2C - Analog - RS232 - SPI interfaces
- o Supports closed loop operation
- o Open loop operation (available in Q1- 2014)

Specifications

Typical performance at 25°C

- | | |
|--------------------------|-----------------------|
| o Effective focal length | 16 mm |
| o F# | 2.8 |
| o Image Circle | 11 mm |
| o DC power supply | 5V to 28V DC |
| o Current consumption | 30 mA |
| o Connector | 6 pin JST SHR-06V-S-B |

Getting Started with Liquid Lenses

For more detailed information on optical, mechanical, electrical performance and design, please contact sales.varioptic@parrot.com.