

# Bonito. High speed, high resolution.



## Bonito

- Highly flexible in speed and resolution
- Sensitive CMOS sensor with global shutter
- Very compact and lightweight
- Robust metal housing for industrial use

Bonito L x W x H (C-Mount) = 44.2 x 80 x 70 mm incl. connectors, w/o tripod and lens. Mass 360 g

Model	Interface	Resolution	MPixels	Frame rate	Sensortype	Cell size	Sensitive area	A/D
CL-400B/C	2 x 10-tap Camera Link Full+	2320 x 1726	4	386 fps	4/3 CMOS	7 µm	16.24 x 12.08 mm	10 bits
CL-400B/C 200 fps	1 x 10-tap Camera Link Full+	2320 x 1726	4	193 fps	4/3 CMOS	7 µm	16.24 x 12.08 mm	10 bits

## Bonito Cameras

The Bonito is a prime quality high speed camera. It includes a very sensitive global shutter CMOS sensor and suits for fast image acquisition of still and moving objects. Bonito cameras are the perfect choice for applications requiring fast frame rates and excellent image quality. Their robust and lightweight metal housing is designed for industrial use.

## Options

- Available with C-/F-/EF-Mount

## Smart Features

- Region of Interest
- Fixed pattern noise (FPN) correction
- Digital gain (selects 8 out of 10 bits for output)
- Exposure time  $\geq 1.5 \mu\text{s}$
- Offset (brightness)
- Particle image velocimetry (PIV) mode - image capturing with  $< 800 \text{ ns}$  between two frames

## Operating Conditions

Power requirements	DC 12 V via 15-pin D-Sub interface
Power consumption	4.2 W (@ 12 V DC)
Operating temperature	0 ... +45 °C ambient temperature
Storage temperature	-30 ... +70 °C ambient temperature
Regulations	CE, RoHS (2002/95/EC)

