

**SMALL, HIGH PERFORMANCE  
InGaAs CAMERA**



# Bobcat 320 Series

SWIR cooled camera with 320 x 256 resolution



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## **KEY FEATURES**

- ◆ Flexible and easy-to-use
- ◆ Frame rate up to 100 Hz or (400 Hz)
- ◆ Low dark current
- ◆ CameraLink or GigE Vision interfacing options
- ◆ Small SWIR area-scan camera

The Bobcat 320 series is based on an in-house developed, temperature stabilized InGaAs detector with a 320 x 256 pixel resolution. The cameras have standard on-board image correction featuring non-uniformity correction (NUC), bad pixel replacement (BPR) and automatic gain control (AGC). For more info on other image enhancement features, contact our sales department.

# Bobcat 320 Series

EU based supplier



## KEY PERFORMANCES

Image format/Pixel pitch	320 x 256 pixels/ 20 $\mu$ m
Detector type	InGaAs photodiode array with CTIA ROIC
Sensor temperature stabilization	TE cooler
Integration type	Snapshot - global shutter
Spectral range	900 - 1700 nm
Max frame rate (full frame)	100 Hz or 400 Hz
Power consumption	2.8 W (no TE cooler) or 4 W (no TE cooler)
Power supply voltage	DC 12 V

## FUNCTIONS & INTERFACES

Command and control	CameraLink or GigE Vision
Connector trigger	SMA
Camera dimensions (width x height x length)	55 mm x 55 mm x 72 mm or 55 mm x 55 mm x 82 mm
Optical interface	C-mount or M42
Camera weight	285 gr or 334 gr

## PRODUCT SELECTOR GUIDE

XEN-000584 (Bobcat 320 CL 100)	XEN-000526 (Bobcat 320 CL 400)
XEN-000583 (Bobcat 320 GigE 100)	XEN-000524 (Bobcat 320 GigE 400)

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