

**SMALL, HIGH PERFORMANCE
InGaAs CAMERA**



Bobcat 320 Series

SWIR cooled camera with 320 x 256 resolution



*SMALL, HIGH PERFORMANCE
InGaAs CAMERA*

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 μ 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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