

SMALL, HIGH PERFORMANCE
InGaAs CAMERA

EXOSSENS
REVEAL THE INVISIBLE

Bobcat 320 Series



SMALL, HIGH PERFORMANCE
InGaAs CAMERA

KEY FEATURES



FLEXIBLE AND EASY TO USE



COMPACT AND LIGHTWEIGHT



**HIGH FRAME RATE OF UP TO
400 Hz**

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 us at advancedimaging@exosens.com

Bobcat 320 Series



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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