

**SMALL, HIGH PERFORMANCE InGaAs
CAMERA WITH GigE INTERFACE**



Bobcat+ 320 Series

SWIR cooled camera with 320 x 256 resolution



*SMALL, HIGH PERFORMANCE
InGaAs CAMERA WITH GigE
INTERFACE*

KEY FEATURES

- ◆ Flexible and easy-to-use
- ◆ GigE Vision interface
- ◆ Low dark current
- ◆ SWIR or vSWIR
- ◆ High frame rate of 400 Hz
- ◆ IWR or ITR read out

The Bobcat+ 320 series is based on an in-house developed, temperature stabilised InGaAs detector with a 320 x 256 pixel resolution. The new and improved Bobcat+ 320 now comes with two gain modes (high gain and high dynamic range) and two read out modes (IWR or ITR).

Moreover, a vSWIR version is also available. 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
Integration type	Snapshot - global shutter
Spectral range	900 - 1700 nm (GigE); 500 - 1700 nm (GigE vSWIR)
Max frame rate (full frame)	400 Hz
Power consumption	4 W (no TE cooler)
Power supply voltage	DC 12 V

FUNCTIONS & INTERFACES

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

PRODUCT SELECTOR GUIDE

XEN-000732 (Bobcat+ 320 GigE 400)	XEN-000738 (Bobcat+ 320 GigE vSWIR 400)
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