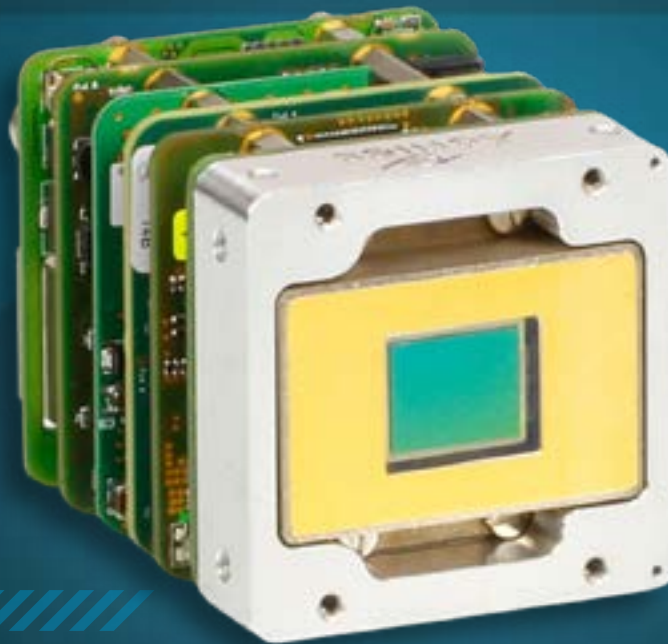


**SMALL , HIGH PERFORMANCE
InGaAs CAMERA MODULE**



XSW 320 Series

Area-scan SWIR cooled module with 320 x 256 resolution



*SMALL , HIGH PERFORMANCE
InGaAs CAMERA MODULE*

KEY FEATURES

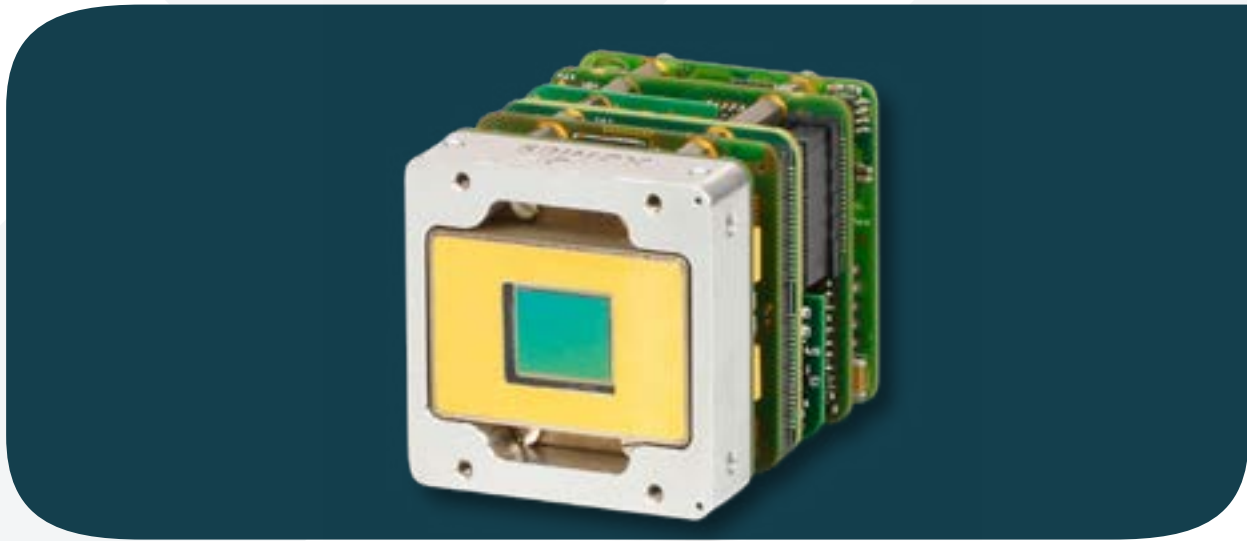
- ◆ Flexible and easy-to-use
- ◆ CameraLink, GigE Vision, QTE Samtec or RS232 interfacing options
- ◆ Low dark current
- ◆ Small SWIR area-scan mode

The XSW 320 series is based on an in-house developed, temperature stabilised InGaAs detector with a 320 x 256 pixel resolution. XSW 320 camera modules are offered with frame rates of up to 400 Hz.

The camera modules come with either a CameraLink, GigE Vision or QTE Samtec interface and features low weight and power.

XSW 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
Max frame rate (full frame)	100 Hz or 400 Hz
Power consumption	2.5 W (no TE cooler); 2.8 W (no TE cooler); 4 W (no TE cooler)
Power supply voltage	DC 12 V

FUNCTIONS & INTERFACES

Command and control	CameraLink or GigE Vision or QTE Samtec
Connector trigger	SMA (CL and GigE)
Camera dimensions (width x height x length)	45 mm x 45 mm x 56 mm (CL), 45 mm x 45 mm x 65 mm (GigE), 45 mm x 45 mm x 52 mm (16 bit DV)
Optical interface (optional)	C-mount or M42
Camera weight	129 gr (CL); 165 gr (GigE); 122 gr (16bit DV)

PRODUCT SELECTOR GUIDE

XEN-000532 (XSW 320 CL 100)	XEN-000591 (XSW 320 CL 400)
XEN-000531 (XSW 320 GigE 100)	XEN-000592 (XSW 320 GigE 400)
XEN-000529 (XSW 320 16bitDV 100)	XEN-000595 (XSW 320 16bitDV 400)

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Xenics
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