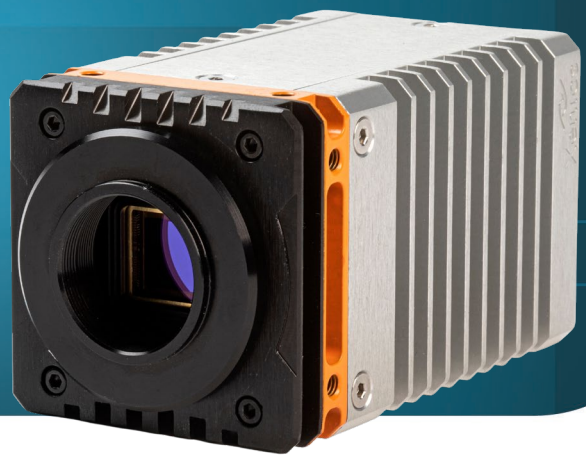
HIGH-RESOLUTION SWIR MEGAPIXEL CAMERA

Xenics
EXOSENS GROUP

Wildcat+ 1280 Series



HIGH-RESOLUTION SWIR MEGAPIXEL CAMERA

KEY FEATURES

- **HIGH-RESOLUTION SWIR IMAGING**
- **INDUSTRY PROVEN CAMERA DESIGN**
- **FLEXIBLE OPTICAL MOUNT & LENS OPTIONS**

Note: Available with support for trigger induced exposure time for external triggering – trigger induced exposure time functionality is only applicable to ITR mode. For more information, contact us at advancedimaging@exosens.com

The Wildcat+ 1280 series is based upon a state-of-the-art InGaAs photodiode array with 1280x1024 pixels and 5 µm pixel pitch. The camera offers superior, high resolution SWIR imaging capabilities, comes in a versatile and industry-proven Wildcat camera package (GenICam compliant), and offers advanced onboard image processing.

The Wildcat+ 1280 camera outputs full frame images at 120 Hz via either a CameraLink or USB3 Vision interface.

Wildcat+ 1280 Series

KEY PERFORMANCES

Image format / Pixel pitch	1280 x 1024 pixels/5 µm
Detector type	InGaAs
Integration type	Snapshot - global shutter
Spectral range	400 - 1700 nm
Max frame rate (full frame)	120 Hz
Power consumption	<7 W
Power supply voltage	DC 12 V

FUNCTIONS & INTERFACES

Command and control	CameraLink Base or USB3 Vision
Connector trigger	Lemo 1B.308 (unified connector)
Camera dimensions (width x height x length)	55 mm x 55 mm x 72 mm (CL); 55 mm x 55 mm x 91.5 mm (U3V)
Optical interface	C-mount or M42
Camera weight	345 gr (CL); 385 gr (U3V)

PRODUCT SELECTOR GUIDE

XEN-000814 (Wildcat+ 1280 CL)	XEN-000815 (Wildcat+ 1280 U3V)

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