

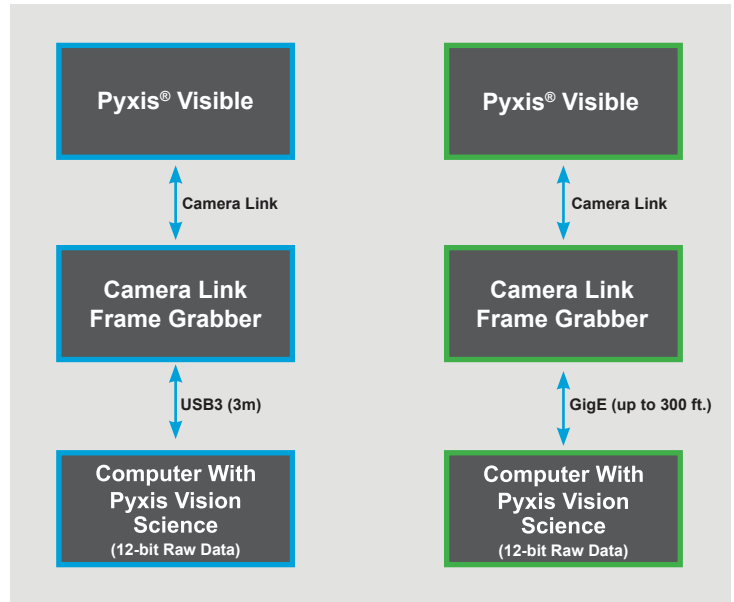
Pyxis[®] Visible



Detector	CMOS
Operating Temperature	-40°C - 85°C
Waveband	Visible
Shutter	Global
Pixel Pitch	3.45 μm
Resolution (HxV)	2464 x 2056 pixels
Camera Frame Rate	Up to 35 (12-bit pixels)
Standard Lens	TBD
Field of View (Standard Lens)	TBD
Input Voltage	12VDC or CameraLink (PoCL)
Size without Lens (LxWxH)	48.6mm x 37mm x 37mm
Weight without Lens	91.8g
Data Interface	Camera Link, GigE, or USB3
Environmental	N/A
Steady Power	200mA typical at 12VDC
Peak Power	1.5A inrush at 12VDC on power up

Summary

- Visible imaging polarimeter
- SWaP identical to standard camera
- Camera Link output with USB3 or GigE options
- Connect USB3 or GigE to computer using Pyxis[®] Vision Science for polarization processing and data recording
- Can be battery powered
- Small form factor compatible with numerous commercially available housings
- Environmental housing required for demanding conditions



Networking Diagram

Polaris
Sensor Technologies, Inc.

200 West Side Square, Suite 320 | Huntsville, Alabama 35801
256.562.0087 | info@PolarisSensor.com | www.PolarisSensor.com
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