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## HiPe SenS

High-Performance Air-Cooled SWIR camera, **TEC2**, **Low Dark current**, **Long exposure** applications, **USB3.0 & CameraLink** output, delivered with proprietary software and SDK: USB3.0 (WiDiVISION), CameraLink (WiDiCAM) and MicroManager adapter. Sensor noise: <40e-

### Overview

Models		Software			
MODEL	FRAME RATE	MODE/ SENSOR	RESOLUTION	INTERFACE	
 HiPe SenS 640V-ST	Up to 230 Hz full frame	Global shutter NSC1902T-SI	640(H)x512(V) 15µm²	USB 3.0	>
 HiPe SenS 640M-ST	Up to 230 Hz full frame	Global shutter NSC1902T-SI	640(H)x512(V) 15µm²	CameraLink	>

### Applications

With TEC2 & air-cooled operating mode, the HiPe SenS is designed for low light, long exposure time applications (from 10us to 112s). It can operate with an FPA temperature **as low as -20°C only with internal air cooling**. Also, the camera is easy for integration to microscope benches or any other optical devices, thanks to the small form factor.

- [HiPe SenS – SWIR application presentation](#)



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