

MityCAM Standard Model Comparison



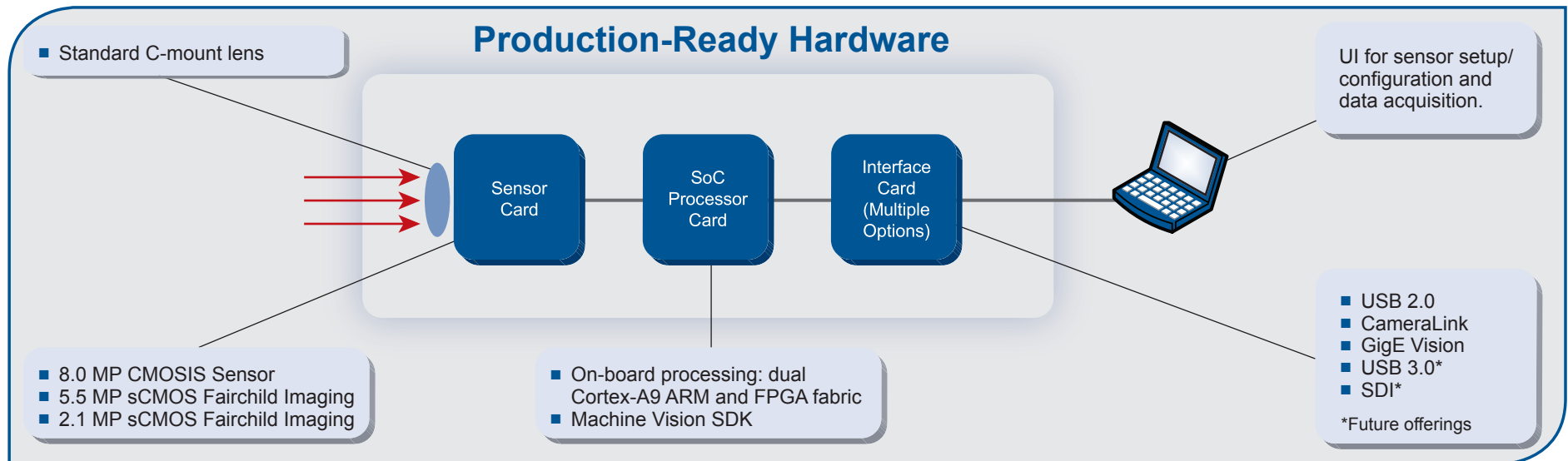
	MityCAM-B2521F	MityCAM-B1910F	MityCAM-C8000
Sensor	Fairchild Imaging CIS-2521F	Fairchild Imaging CIS-1910F	CMOSIS CMV8000
Active Pixels (H X V)	2560 x 2160	1920 x 1080	3360 x 2496
Pixel Size	6.5um x 6.5um	6.5um x 6.5um	5.5um x 5.5um
Image Area (W X H)	16.8mm x 14.2mm	12.5mm x 7.1mm	18.4mm x 13.7mm
Read-Out Rate (at full resolution)	70fps	75fps	95fps
Read-Out Noise	<2e-	<1.2e-	8.6e-*
Dynamic Range	>83.5dB*	>88dB*	60dB*
Dark Current	<35e-	<35e-	41.2e-*
Quantum Efficiency	>55%	>55%	>50%
Chroma Options	Mono or Color	Mono or Color	Mono or Color
Shutter Mode	Rolling & Global	Rolling & Global	Global
Interface Options	CameraLink (dual or single), GigE Vision*, USB 2.0 USB 3.0 and other options planned, contact for status		

*Sensor Specification

*GigE Vision protocol available Q2 2016

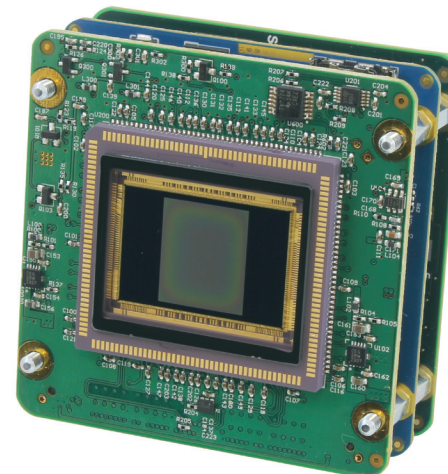


MityCAM Embedded Vision Platform



MityCAM is Critical Link's family of highly configurable imaging and vision solutions. The platform is designed to be customizable with a variety of high-performance sensors, user programmable SoC featuring tightly integrated ARM and FPGA fabric, and multiple I/O options. Customers benefit from the platform's flexibility, with each building block tailorable to suit the application.

MityCAM products deliver robust on-board processing making them ideal for scientific imaging and vision applications involving high-throughput and advanced image processing.



Applications:

- Biomedical
- Scientific Imaging
- Industrial Imaging
- Surveillance
- Low Light Imaging
- Embedded Instrumentation
- Motion Control
- Metrology
- Machine Vision

For complete product information, visit www.criticallink.com/imaging

