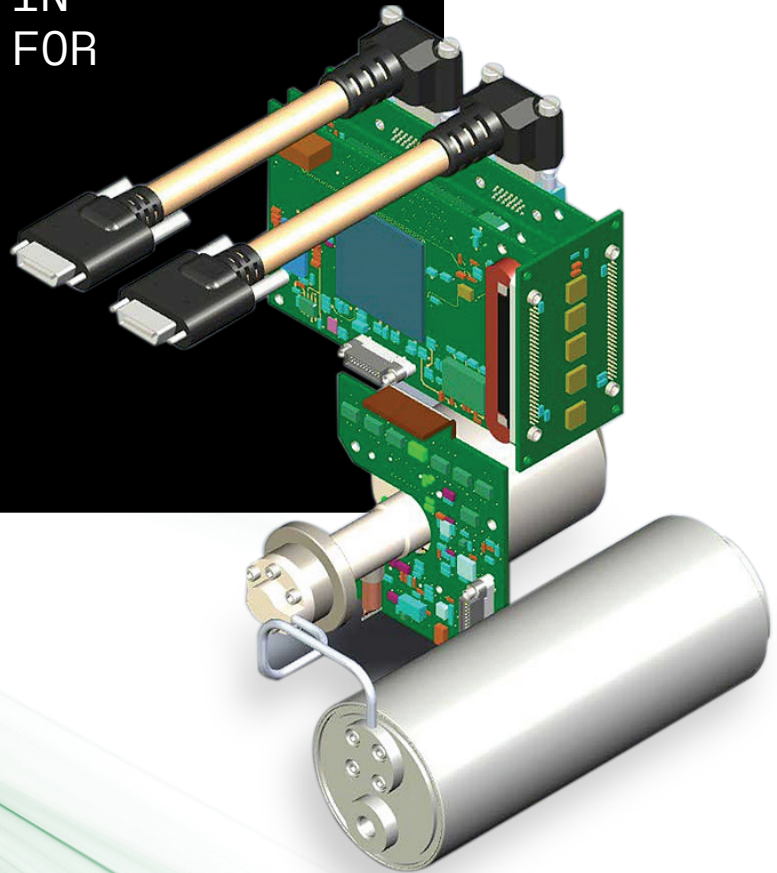
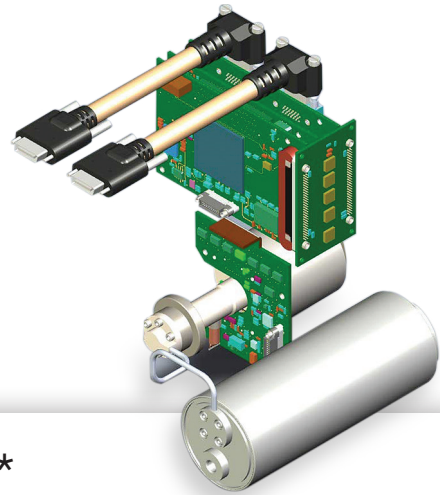


HYPERVISION-M

EVENT SENSING IN
THE MWIR BAND FOR
MILITARY AND
INDUSTRIAL
HIGH-SPEED
SENSING
APPLICATIONS.



HYPERVISION-M is a cryo cooled MWIR event-based camera developed for detecting and tracking high-speed events in industrial and military scenarios. Multiple array formats are available. SWIR, LWIR, and dual-band versions are under development.



FEATURES

- Pixel-level event high-speed sensing
- Simultaneous event and intensity sensing
- High Dynamic Range
- Region of Interest
- Compatible with Metavision® SDK** (with extensions)

APPLICATIONS

- High-speed sensing
- Threat detection & tracking

VERSATILITY

- Available in multiple array formats
- Programmable frame & event data
- Custom formats & interfaces available

SPECIFICATIONS*

Sensor Band	2.5-5 μ m
Resolution	512x512, 640x512, 1280x720
Pixel Size	12 μ m
Synchronous Event Rate	14/60 KHz
Asynchronous Event Rate	0.5Giga-events/sec
Peak QE	>70% (typical)
Pixel Latency	<50 μ s
Dynamic Range	>120dB
Typical Power	< 10W
Steady State Power	< 4W
Ambient Temp Range	-40C to 71C
External Trigger	TTL/CMOS
Output Format	MIPI, CPI, 10GigE
Compatibility	Metavision® SDK

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*SAAZ reserves the right to change the specification without prior notice.
For updated specifications contact us.

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making it v's'ble