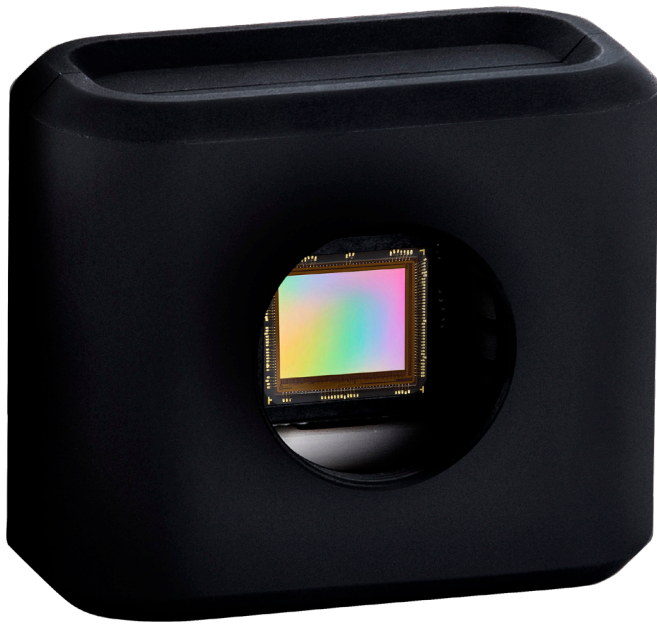


PROPHESÉE'S EVK IS AN ULTRA-FLEXIBLE USB VISION SYSTEM THAT ALLOWS FOR EXPERIMENTING WITH THE POWER OF EVENT-BASED VISION.

PROPHESÉE EVENT-BASED VISION SYSTEM



VGA Metavision® sensor
3rd generation
USB-powered

HIGHLIGHTS

- Integrates the NEW Prophesee 3rd generation VGA CIS Metavision® module
- High-speed event-based vision usage assembled with Linux
- Contrast Detection (CD) events only
- USB 3.0

CHARACTERISTICS VGA

Supplier	PROPHESÉE	Pixel size (µm ²)	15 x 15	MECHANIC	
Year	2017	Fill factor (%)	25	EVK dimensions	60mm x 50mm x 37mm
Resolution (px)	640 x 480	Supply voltage (v)	1,8	Weight	146g (incl. lens)
Latency @10klux (µs)	200	Stationary noise (ev=pix=s) at 25C	0,1	OPTIC	
Dynamic Range (dB)	>120	CMOS technology (µm)	0,18 1P6M CIS	D-FOV	70°
Min contrast sensitivity (%)	25	Grayscale output	No	MOUNT	C
Die power consumption (mW)	26-176	Grayscale dynamic range (dB)	NA	ADD. SENSORS	
Camera Max. Bandwidth (Meps)	50	Max. framerate (fps)	NA		
Chip size (mm ²)	9.6 x 7.2				