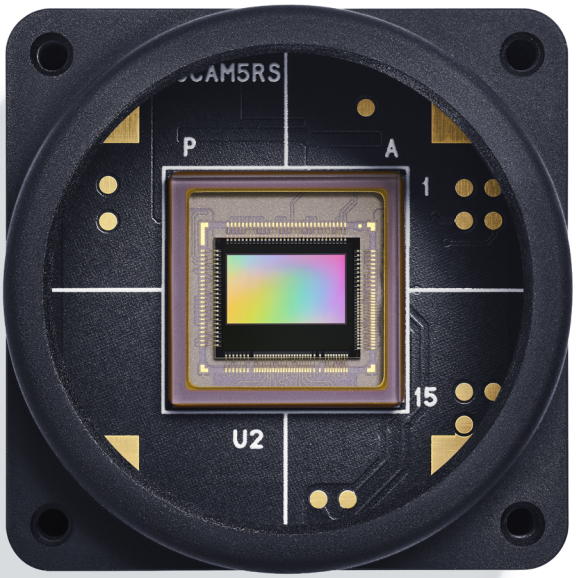
PROPHESEE EVALUATION KIT 4 - HD

START YOUR EVENT-BASED VISION EXPLORATION WITH PROPHESEE EVK4 HD. THE ULTRA-LIGHT AND COMPACT, HD METAVISION® EVALUATION KIT BUILT TO ENDURE FIELD TESTING CONDITIONS.

PROPHESEE

EVK4 HD



OVERVIEW

- Integrates IMX636ES (HD), stacked Event-based Vision Sensor released by Sony Semiconductor Solutions ("Sony") and realized in collaboration between Sony and PROPHESEE
- Event camera evaluation kit with C/CS mount optics
  - High-Quality Aluminum alloy casing
  - Ultra-compact and light: 30x30x36mm, weighing just 40g
  - Built to endure: IEC certifications
    (T° IEC 60068-2-14/Heat IEC 60068-2-78/Shocks IEC 60068-2-31/Electrostatic discharge IEC 61000-4-2 (Level 3))
  - Easy to embed: 4x M2 front + 2x M2.6 back fixing points + tripod screw
  - Bus-powered USB 3 compliant
- Adjustable Contrast Detection (CD) threshold for events
- Provided with: 1x C-mount 1/2.5" lens + 1x C-CS lens mount adapter + 1x tripod + 1x USB-C to USB-A cable

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- Free access to the most comprehensive Event-Based Vision software suite: Metavision Intelligence 2.3 onward
- Knowledge Center access (Technical app notes, Advanced hardware manuals, Personal ticketing tool, Community Forum and more).
- 2 Hours premium support included

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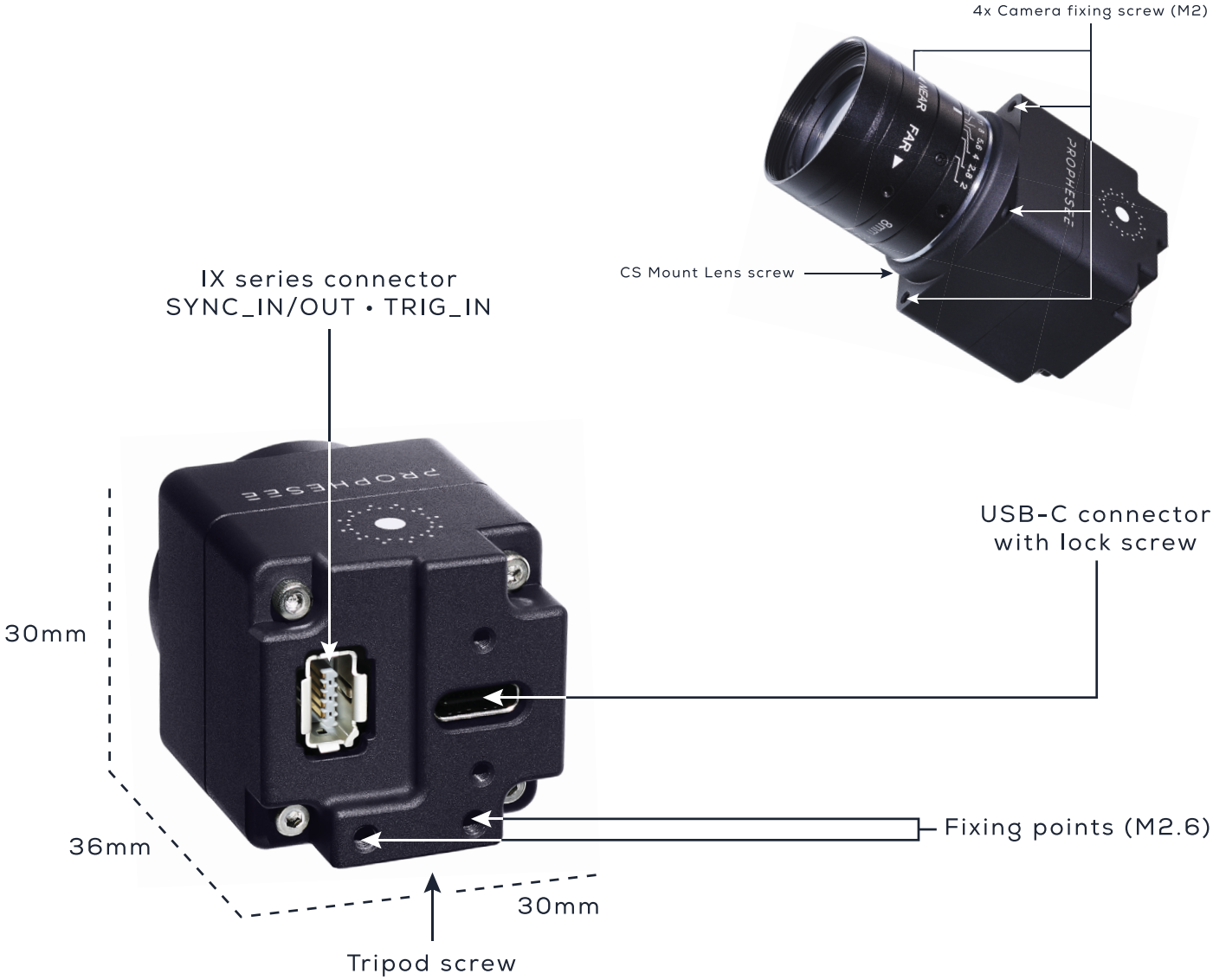
CHARACTERISTICS

Resolution (px)	1280 x 720	Pixel size (µm)	4.86 x 4.86	Interface (data output)	USB 3.0 (Type-C connector)
Latency (µs)	220	Camera Max. Bandwidth (Gbps)	1.6	Trigger In	IX Connector Type B
Dynamic Range (dB)	>86*	Camera power (W)	Typ 0.5	Sync In/Out	IX Connector Type B
Nominal contrast treshold (%)	25	Conformity	RoHS	Part number:	PEK4I36HDCDCS

*5 lux is the minimum light condition that guarantees imaging characteristics.

DR >120 dB can be reached based on low light cutoff measurement being: 0.08 lux (imaging characteristics not guaranteed).

MECHANIC		OPTIC		ADDITIONAL INFO	
EVK dimensions	30mm x 30mm x 36mm	D-FOV	47.7°	Power	Via USB
Weight	40g (excl. optic)	Ref.	Soyo Security Co 1/2.5" f2.0 C Mount		



ORDER INFORMATION

REQUEST MORE INFORMATION, PRODUCT DATASHEET OR QUOTE HERE: https://www.prophesee.ai/evk4-info/