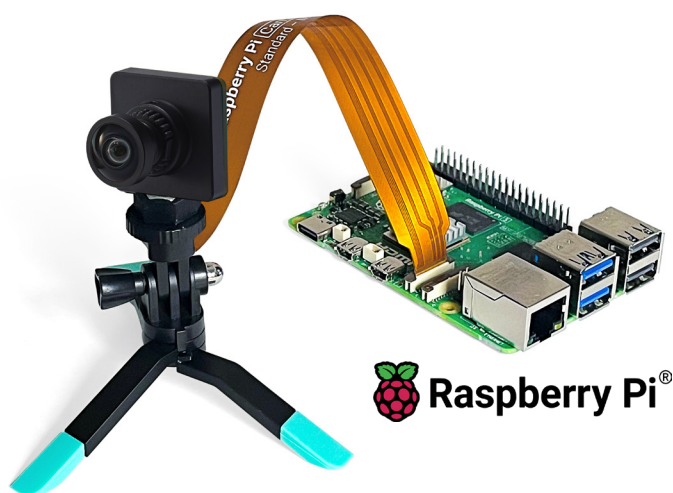


HIGH-PERFORMANCE EVENT-BASED VISION STARTER KIT FOR RASPBERRY Pi 5



STARTER KIT GENX320 FOR RASPBERRY Pi 5



* Raspberry Pi 5 board needs to be purchased separately.

SENSOR	
Sensor	Prophesee GENX320
Resolution	320 x 320 px
Event Rate	~10,000 fps equivalent
Latency	<150 μ s at 1,000 lux
Dynamic Range	>140 dB
Power Consumption	<50 mW (sensor only)
Interface	MIPI CSI-2 (D-PHY)

CAMERA	
Lens Mount	M12 (S-Mount)
Focal Length	1.8mm
Diagonal field of view	76°
Horizontal field of view	58°
Vertical field of view	58°
Aperture	f/2.8 Fixed Iris
IR Filter	No

FEATURES

- M12 (S-mount)
- Complete event-based camera board with lens
- 20 cm flex cable MIPI Raspberry Pi compatible output
- Raspberry Pi 5: sold separately at: [raspberrypi.com](https://www.raspberrypi.com)

SOFTWARE

- V4L2 Driver
- Open EB: C++/ Python APIs <https://github.com/prophesee-ai/openeb>
 - Data recording, replay and visualization
 - Sensor settings (biases), ROI, ERC

