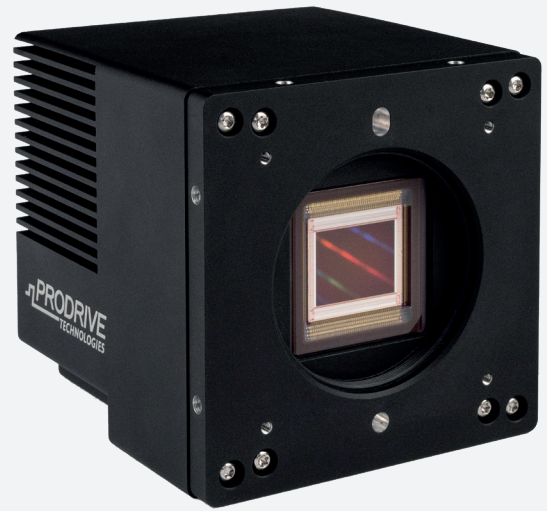


Yooka Camera

High speed area scan camera,
up to 2000 fps

Introducing the Yooka series, a remarkable line of high-speed area scan cameras with an impressive bandwidth exceeding 168Gbps.

Offering up to 2,000 frames per second (fps) in full resolution, it stands as the first industry camera to fully utilize the GSPRINT sensor. With capture rates of up to 30.000fps (ROI Read-out) and a resolution of up to 21MPx, the Yooka series not only enables precise data capture but also empowers users to elevate throughput while maintaining exceptional performance.

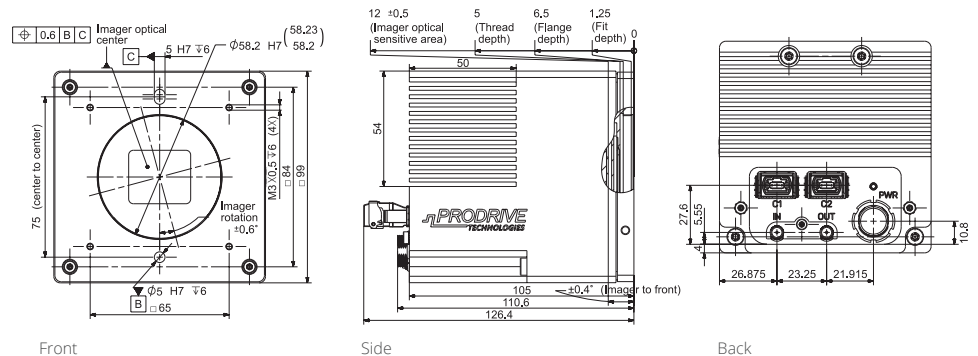


Model	Unit	Yooka-10 (M-Model)	Yooka-10 (F-Model)	Yooka-14 (M-Model)	Yooka-21 (M-Model)	Yooka-21 (F-Model)
Resolutions	Pixels	4,608 x 2,176	4,608 x 2,176	4,608 x 3,072	5,120 x 4,096	5,120 x 4,096
Pixel Size	µm	4.5 x 4.5	4.5 x 4.5	5.5 x 5.5	4.5 x 4.5	4.5 x 4.5
Shutter	-	Global	Global	Global	Global	Global
Frame Rate (Full resolution)	fps	890 (8bit) 890 (10bit) 480 (12bit)	1,920 (8bit) 1,000 (10bit) 480 (12bit)	670 (10bit) 350 (12bit)	500 (8bit) 460 (10bit) 250 (12bit)	1,000 (8bit) 500 (10bit) 250 (12bit)
Interface	-	CLHS, 1xQSFP – 4x25Gbps	CLHS, 2xQSFP – 8x25Gbps	CLHS, 1xQSFP – 4x25Gbps	CLHS, 1xQSFP – 4x25Gbps	CLHS, 2xQSFP – 8x25Gbps
ROI Read-Out	-	Yes	Yes	Yes	Yes	Yes
Dynamic Range	dB	67.3	67.3	66.2	66.8	66.8
Lens Mount	-	M58	M58	M58	M58	M58
Dimensions	mm	99 x 99 x 105	99 x 99 x 105	99 x 99 x 105	99 x 99 x 105	99 x 99 x 105
Cooling	-	Heatsink (Air) or Water	Heatsink (Air) or Water	Heatsink (Air) or Water	Heatsink (Air) or Water	Heatsink (Air) or Water
Color	-	Monochrome	Monochrome	Monochrome	Monochrome	Monochrome

Product features

- Gpixel's GSPRINT4510, 5514 or 4521 global shutter image sensors.
- Unique high frame rate imaging with capture rates up to 30.000fps.
- CLHS optical X-protocol interface at 25 Gb/s per lane.
- Optional water-cooling support for clean-room compatible applications.
- End-to-end solution including frame grabber.

Mechanical dimensions (mm)



Information subject to change contact us for more details

PRODRIVE
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