BeyonSense 1 Specification

https://beyonsense.io/order





CAMERA (BEYONSENSE 1) Specifications

Maximum Frame Rate	> 10 fps
Power Consumption (Standby)	600 mW (Typ.)
Power Consumption (Active)	900 mW (Typ.)
Connectivity	Wi-Fi
Module Size	60 mm x 60 mm
Power	USB (5-pin)
Lens Mount	C-mount
Operating Temperature	-5 °C - 45 °C

IMAGE SENSOR Specifications

Chip Size	6.8 mm x 6.8 mm
Active Pixel (H x W)	128 x 128
Pixel Pitch	35 µm
Noise Equivalent Power	< 30 µW/cm² (@10 fps)
Spectral Response Range	400 nm – 1600 nm

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LENS Specifications

Focal Length	16 mm
Max. Aperture Ratio	1:1.4
Operation Range (Iris)	F1.4 – F16C
Operation Range (Focus)	0.3 m – Inf.
Control	Manual Iris, Focus
Filter Size	M30.5, P=0.5 mm
Dimensions	ϕ33.5 mm x 28.2 mm
Lens Mount	C-mount
Operating Temperature	-10 ˚C - 50 ˚C

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