

CAM-5330-U

Stereo Vision, USB
Industrial Camera



Features

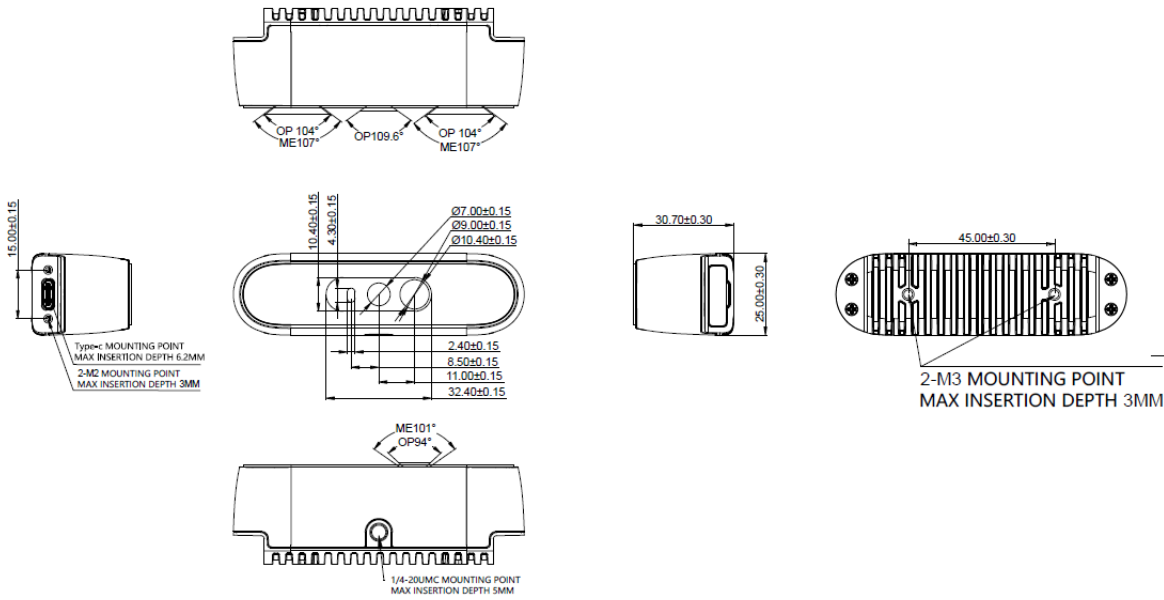
- USB3 camera interface
- Wide FOV: 90°(H) and 65(V)
- Up to 1280 x 800 x 30fps
- High quality depth data output in both indoor and outdoor environments
- Support multi-cameras synchronization and IMU

Specifications

	Technology	Stereo vision	
	Dimension	90mm (W) x 25mm (H) x 30.7mm (D)	
	Weight	99g	
	Sensor/Module Interface	USB 3.0 & USB 2.0 Type-C for data and power	
	RGB resolution	1920 x 1080 @ 30fps	
	RGB FOV	86°(H) x 55°(V) ± 3.0°	
	RGB shutter	Rolling shutter	
	Depth resolution	1280 x 800 @ 30fps	
	Depth FOV	90° x 65° ± 3° @ 2m	
	Depth shutter	Global shutter	
	Depth accuracy	± 2% (1280 x 800 @ 2m & 81% ROI)	
General Specification	LDM wavelength	850nm	
	Baseline	50mm	
	Working range	0.1 ~ 20m+	
	Ideal range	0.26 ~ 3m	
	Spatial precision	≤ 1.5% (1280 x 800 @ 2m & 81% ROI)	
	Power consumption	Average <3.0W (Peak <6.5W)	
	Protection	IP5X	
	IMU	6 DoF; Gyroscope/Accelerometer frequency range: 50 ~ 1,000Hz	
	Operating environment		-10°C ~ 45°C @ 15fps, 5% ~ 90% RH (non-condensing)
			-10°C ~ 40°C @ 30/60fps, 5% ~ 90% RH (non-condensing)
	Storage environment		Short Term: -20°C ~ 70°C, 5%~90% RH (non-condensing)
			Long Term: 0°C ~ 60°C, 5%~90% RH (non-condensing)

Dimensions

Unit: mm



Front View



Rear View



Ordering Information

Part No.	Model Name	Description	Operation Temperature
96ICAM-336	CAM-5330-U	CAM5330 USB3 Stereo vision camera	-10°C ~ 40°C

Packing List

Part No.	Description	Quantity
-	Camera	1
-	Tripod	1
-	Tripod head	1
-	USB cable (1m)	1