DepthEye Wide

Time–Of–Flight(ToF) Camera with Sony DepthSense
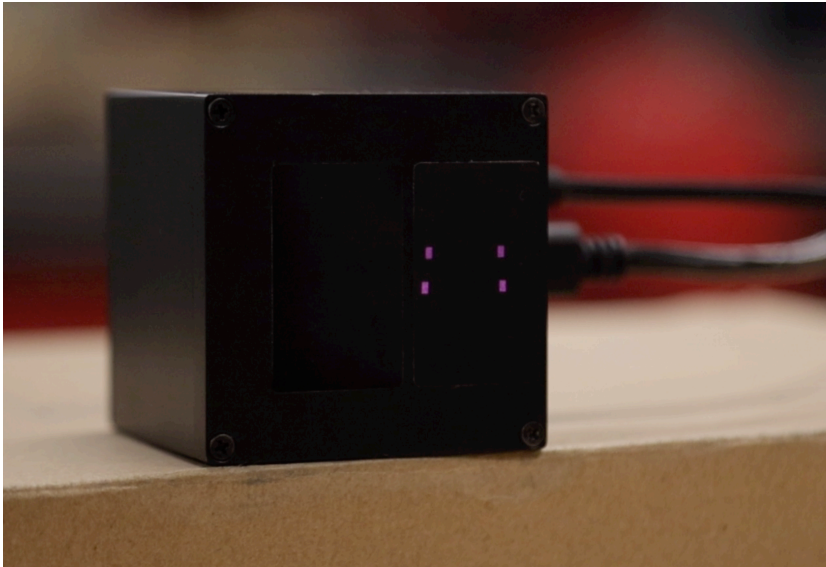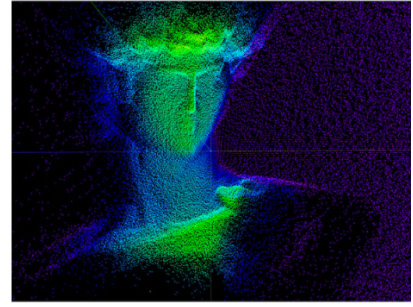

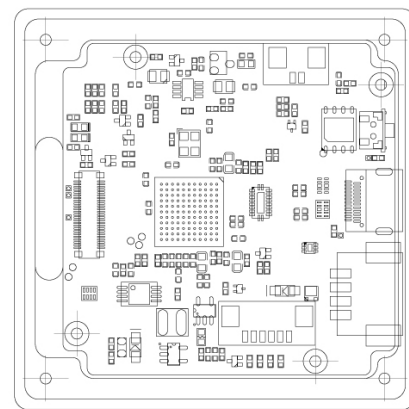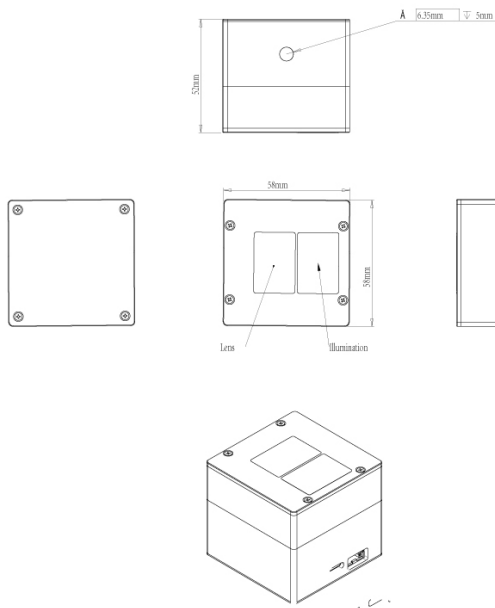|	
Model	DepthEye Wide
Sensor/Pixel Size	Sony IMX556PLR CMOS /10 µm
Resolution/FPS	0.3MP 640 x 480 px/ Max 30 FPS
Dimension &Weight	58 x 58 x 52 mm / 305 g
Accuracy	Less than 1cm at 1.5m
Precision	Standard deviation less than 3mm at 1m
Working Range	0.3m to 2.5m
FOV	H100˚ x V75˚
Data Interface	USB 3.1 Gen1 /Type C
Power Consumption	12V/ 1A (Peak) /0.5A(Average)
Illumination	4 x VCSEL laser diodes @ 850nm
Operating Temperature	−10˚ C to 60˚ C case temperature
SDK Platform	Windows/Linux/Mac/Ros
SDK language support	C++/Python
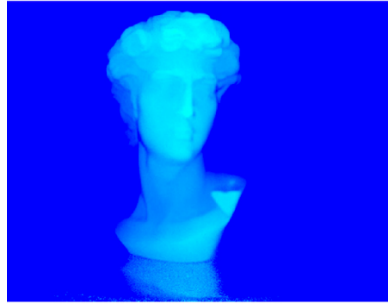
| Amplitude Image | Depth Image | PointCloud Image |

Support

SDK & Documents	https://github.com/pointcloudAI/libPointCloud
Support Email	dev@pointcloud.ai