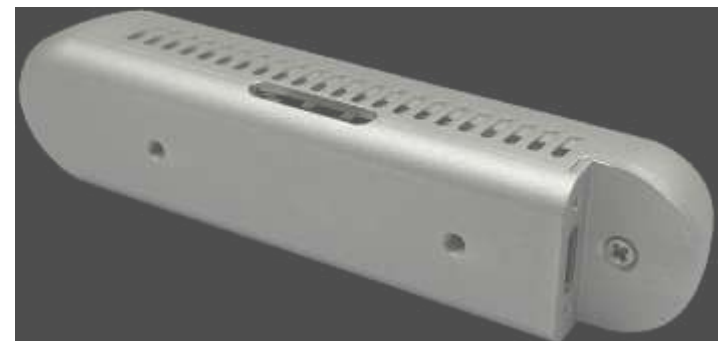
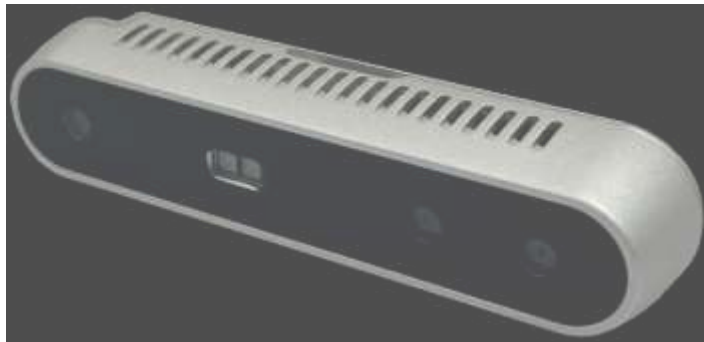


The CKANPLUS D415-CKP has a standard field of view well suited for high accuracy applications such as 3D scanning. With a rolling shutter on the depth sensor, which offers our highest depth quality per degree.

Based on the Intel REALSENSE module, we have developed a more cost-effective casing. While achieving cost savings, 100% consistency in functionality was also achieved.



Features

Use environment:	Indoor/Outdoor
Image sensor technology:	Rolling Shutter
Ideal Range:	0.5 m to 3 m
Inertial measurement unit:	No

Depth

Depth Technology:	Stereoscopic
Minimum Depth Distance (Min-Z) at Max Resolution:	~45 cm
Depth Accuracy:	<2% at 2 m
Depth Field of View (FOV):	65° × 40°
Depth Output Resolution:	Up to 1280 × 720
Depth Frame Rate:	Up to 90 fps

RGB

RGB Frame Rate:	30 fps
RGB Frame Resolution:	1920 × 1080
RGB Sensor Technology:	Rolling Shutter
RGB Resolution and Frame Rate:	1920 × 1080 at 30 fps
RGB Sensor FOV (H × V):	69° × 42°
RGB Sensor Resolution:	2 MP

Dimensions

Length x Depth x Height:	99 mm × 20 mm × 23 mm
Connectors:	USB-C
Mounting Mechanism:	– One 1/4-20 UNC thread mounting point. – Two M3 thread mounting points.

Major components

Camera Module:	RealSense Module D415
Vision Processor Board:	RealSense Vision Processor D4
Housing:	CKANPLUS
USB cable:	CKANPLUS
Package assembly:	CKANPLUS