

NEW DESIGN

RGB-D ToF Camera



DS87



DS86

DS86 & DS87

SONY ToF + RGB Camera

Industrial Grade

Model	DS87	DS86
Part No.	608000200069	608000200067
Sensor	Sony DepthSense ToF CMOS+Global Shutter RGB	
Illumination	940nm 10W VCSEL * 2	
ToF Resolution/Frame rate	640*480dpi, Max.15fps	
ToF HDR Mode	Supported with Max. 10fps	
ToF FOV	60°(H)*45°(V)	
RGB Camera	1600*1200, 15fps, 70°(H)*50°(V)	
Output Format	16bit(depth) + 8bit(IR) + JPEG(RGB)	
Interface	1000Mbps Ethernet and RS485	
Physical Connection	M12+M8 Aviation Plugs	RJ45 + M8 Aviation Plugs
Power Supply	PoE+ or 12V~24V (DC), <7W	12V~24V (DC), <7W
Accuracy	<1% (4mm@1m) *	
Working Range	0.15m to 5m*	
Working Temperature	-20°C to 50°C	
Operation System & Platform	Windows/Linux/Arm Linux/ROS1/ROS2	
SDK	C/C++/Python/C#	
Enclosure Rating	IP67	IP42
Conformity	CE, FCC, FDA	
Back View		

* Accuracy and working range will vary with the reflectivity of the object