



model	S2	S2 Lite	S2 Max
	 <p>S2 120g Lightweight body I/O communication 320 X 240 ToF resolution</p>	 <p>S2 LITE Cost effective choice I/O communication 320 X 240 ToF resolution</p>	 <p>S2 MAX Sony IMX570 sensor I/O Communication 640 X 480 high resolution</p>
Illumination	940nm VCSEL; Class 1	940nm VCSEL; Class 1	940nm VCSEL; Class 1
Output	Depth & RGB & Amplitude Map	Depth & Amplitude Map	Depth & RGB & Amplitude Map
Depth Resolution (H x V) /Frame Rate	320x240 @ Max.15fps	320x240 @ Max.15fps	640x480 @ Max.15fps
Depth FoV (H x V)	90° x 70°	90° x 70°	90° x 70°
RGB Resolution (H x V) /Frame Rate	1920x1080 @ Max. 15fps	No RGB	1920x1080 @ Max. 15fps
RGB FoV (H x V)	85° x 55°	No RGB	90° x 70°
RGB Shutter Type	Rolling Shutter	No RGB	Rolling Shutter
Working Range	0.2-3m	0.2-3m	0.2-5m (90% reflectivity) 0.2-2.5m (10% reflectivity)
Accuracy	+/-10mm @ 2m	+/-10mm @ 2m	<1%
Power Consumption	4W @ 24VDC	4W @ 24VDC	6W @ 24VDC
Dimension (L x W x H)	80mmx25mmx38mm	80mmx25mmx38mm	80mmx25mmx38mm
Weight	120g	120g	430g
Power Supply	24 VDC / 2A	24 VDC / 2A	24 VDC / 2A
Data Communication	100M Ethernet 4 Channel I/O(2 In & 2 Out)	100M Ethernet 4 Channel I/O(2 In & 2 Out)	Gigabit Ethernet 4 Channel I/O(2 In & 2 Out)
Enclosure rating	IP44	IP44	IP67
Work Temperature	-20°C-60°C	-20°C-60°C	-20°C-60°C
Storage Temperature	-25°C-85°C	-25°C-85°C	-25°C-85°C
Programming Language	C/C++	C/C++	C/C++
Third Party Support	ROS/ROS2	ROS/ROS2	ROS/ROS2
Operating System	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11	ARM Linux (AArch64) Linux (x86_64) Windows 7/8/10/11