








Model	FOV HxV	Horizontal angular resolution	Vertical angular resolution	Min range (m)	Max range (m)	Accuracy	Scan rate	Data interface	Power	Voltage	Mass (g)	Size (mm)
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





Velodyne



 HDL-32E	360°x41.3°	5Hz: 0.08° 10Hz: 0.17° 20Hz: 0.35°	1.33°	—	100	2 cm	~695K pps (single) ~1.39M pps (dual)	ETH	12 W	9-18 V	1000	85x85x144
 Puck LITE	360°x30°	5Hz: 0.1° 10Hz: 0.2° 20Hz: 0.4°	2°	—	100 (@80%)	3 cm	~300K pps (single) ~600K pps (dual)	ETH	8 W	9-18 V	590	103x103x72
 Puck	360°x30°	5Hz: 0.1° 10Hz: 0.2° 20Hz: 0.4°	2°	—	100 (@80%)	3 cm	~300K pps (single) ~600K pps (dual)	ETH	8 W	9-18 V	830	103x103x72
 Puck Hi-Res	360°x20°	5Hz: 0.1° 10Hz: 0.2° 20Hz: 0.4°	1.33°	—	100 (@80%)	3 cm	~300K pps (single) ~600K pps (dual)	ETH	8 W	9-18 V	830	103x103x72
 Ultra Puck	360°x40°	5Hz: 0.1° 10Hz: 0.2° 20Hz: 0.4°	0.33° (min)	—	200	3 cm	~600K pps (single) ~1.2M pps (dual)	ETH	10 W	10.5-18 V	925	103x103x87
 Alpha Prime	360°x40°	5Hz: 0.1° 10Hz: 0.2° 20Hz: 0.4°	0.11°	—	245	3 cm	~2.4M pps (single) ~4.8M pps (dual)	ETH	22 W	9-28 V	3500	166x16

Valeo

 SCALA Gen 2	133°x10.5°	0.125° (inner) 0.25° (outer lobes)	0.6°	0.5	200 (@80%) 100 (@10%)	10 cm	25 Hz	ETH	< 10 W	9 - 14V	750 (1150 w/ bracket)	68x150x107 (137x191x123)
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SICK

 LD-MRS400001	110°x3.2°	up to 0.125°	0.8°	0.5	50 (@10%) 150 (@90%)	10 cm	12.5/25/50 Hz	ETH/CAN	8 W	9-27 V	1000	165x93x88
 LD-MRS800001	110°x6.4°	up to 0.125°	0.8°	0.5	50 (@10%) 150 (@90%)	10 cm	6.25/12.5/25 Hz	ETH/CAN	8 W	9-27 V	1000	165x93x88
 LD-MRS400102	110°x3.2°	up to 0.125°	0.8°	0.5	30 (@10%) 90 (@90%)	10 cm	12.5/25/50 Hz	ETH/CAN	8 W	9-27 V	1000	165x93x88
 LD-MRS UAV	110°x3.2°	up to 0.125°	0.8°	0.5	50 (@10%) 150 (@90%)	10 cm	12.5/25/50 Hz	ETH/CAN	8 W	9-27 V	770	165x93x88
 LMS111	270°	0.25°/0.5°	—	0.5	18 (@10%) 20 (max)	4 cm	25/50 Hz	ETH/CAN	8 W	10.8-30 V	1100	105x102x152
 LMS151	270°	0.25°/0.5°	—	0.5	18 (@10%) 50 (max)	4 cm	25/50 Hz	ETH/CAN	8 W	10.8-30 V	1100	105x102x152

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LMS500-21000 Lite 	190°	0.25°/0.5°/1°	—	0	26 (@10%) 80 (max)	4 cm	25/35/50/75	ETH/CAN	22 W	24 V	3700	160×155×185
MRS1104C-111011 	275°×7.5°	0.25°	2.5°	0.2	16 (@10%) 30 (@90%)	3 cm	50 (55k-165k pps)	ETH	13 W	10-30 V	1200	152×150×93

Disclaimer: Specifications are subject to change, without notice

Contact Hexagon | AutonomouStuff

info.as.ap@hexagon.com +1 309.291.0966

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