











Model		Frequency (GHz)	Min Range (m)	Max Range (m)	Range Accuracy	Range Rate Accuracy (m/s)	Azimuth Accuracy (°)	Update Rate (ms)	HFOV (°)	VFOV (°)	Power (W)	Voltage (V)	Mass (g)	Tracking Targets	Interface
Aptiv ESR 2.5 24V 	Mid Range	76.5	1	60 @ 10dB	±0.25m (noise) ±5% (bias)	±0.12	±0.5	50	90	4.4	<12	22-32	445	64	CAN/ETH
	Long Range			175 @ 10dB					±0.5m (noise) ±5% (bias)						
Aptiv SRR2 		76.5	0.5	80 @ 5dB	±5m (noise) ±5% (bias)	±0.125	±1	50	150	10	6	9-16	190	N/A	CAN
Aptiv MRR 	Mid Range	76.5	1	40	±5m (noise) ±5% (bias)	±0.3	±1	30	90	90	4.5	6-16	129	N/A	CAN
	Long Range		3	160											
smartmicro UMRR-0A Type 29 		24	1	160	±2.5% or ±0.25m (larger of)	±0.28		50	36	12	3.7	7-32	330	32	CAN
smartmicro UMRR-0A Type 30 		24	1	90	±2.5% or ±0.25m (larger of)	±0.28		50	70	16	3.7	7-32	295	32	CAN
smartmicro UMRR-0A Type 31 		24	1	45	±2.5% or ±0.25m (larger of)	±0.28		50	100	16	3.7	7-32	295	32	CAN

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smartmicro Altimeter UMRR-0A 	24	0.5	500	±3% or ±0.5m (larger of)	N/A	N/A	17	N/A	N/A	3.7	32	350	N/A	CAN
smartmicro UMRR-96 Type 153 	Short Range	79	0.15	20	±1% or 0.15m (larger of)	±0.15	55	130	15	5	8-24	153	N/A	CAN
	Mid Range		0.4	55	±1% or 0.3m (larger of)									
	Long Range		0.8	120	±1% or 0.5m (larger of)									
smartmicro UMRR-11 	Mid Range	76.5	0.5	64	±1% or 0.25m (larger of)	±0.1	55	100	15	5	8-32	200	N/A	CAN
	Long Range		1	175	±1% or 0.5m (larger of)			32	15					
Continental ARS 408-21 	Mid Range	76.5	0.2	70	±0.10m	±0.1	72	120	20	6.6	8-32	320	N/A	CAN
	Long Range			250	±0.40m			18	14					