



	Locator D1	Locator A1	Locator S1	Locator U1	Locator P1
Typical application	Generic subsea equipment without depth sensors	ROVs with twisted pair tethers	ROVs	ROVs / divers / "anything"	ROVs in noisy environments
Unique features	Tether included	Extremely small	No tether requirement	Battery powered	Very powerful
Requirements					
Need GPS lock before and after 6h dive time	No	No	Yes	Yes	Yes
Need integration with ROV tether	No	Yes (<i>1 twisted pair</i>)	No	No	No
Need power from ROV	No	No	Yes	No	Yes
Need ROV depth readings on topside	No	Yes	Yes	No	Yes
Operational					
Input voltage	10-18 V		10-18 V		24V
Input current	70 mA @12V		60 mA @12V		830mA @24V
Power source	Master-D1	Master-D1	ROV	Internal battery, ~10h	ROV
Tether communication	3 twisted pairs	1 twisted pair	None	None	None
Topside API integration	None	Depth	Depth	None	Depth
Sync method	Master-D1	Master-D1	GPS time	GPS time	GPS time
Suggested max dive time	Indefinite	Indefinite	6 h	6 h	6 h
Position updates	4 times per second	4 times per second	4 times per second	2 times per second	4 times per second
Mechanical					
Length	81 mm	41 mm	77 mm	121 mm	155 mm
Diameter	30 mm	20 mm	30 mm	32 mm	50 mm
Weight (in air)	50 g	30 g	52 g	175 g	490 g
Depth rating	300 m	300 m	300 m	300 m	300 m