

Zero Visibility, Mission Success

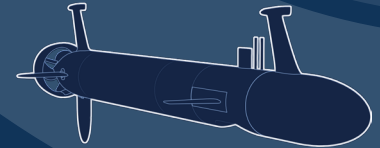
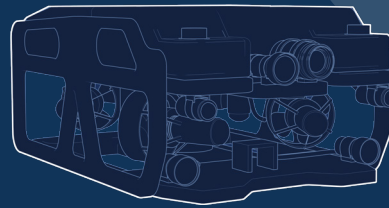
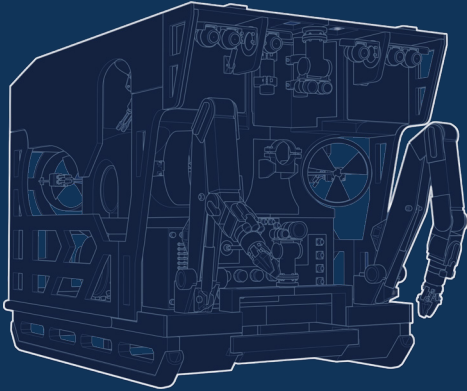


3 Year extended
warranty option



Service & support facilities
in the USA and UK

Gemini products are a range of forward-looking imaging and navigation sonars designed for both shallow and deep-water operations. Built to operate as part of complex systems, and proven in real-world WROV, ROV and AUV deployments in the harshest environments.



										
	Gemini 1200id		Gemini 720is		Gemini 1200ikd		Gemini 720iks		MicronGemini 720s	
Operating frequency	720 kHz	1200 kHz	720 kHz		720 kHz	1200 kHz	720 kHz		720 kHz	
Depth rating	4000 m		1000 m	4000 m	500 m	1000 m	350 m		300 m	750 m
Power Requirements	16 - 27 W (range dependent)		16 - 27 W (range dependent)		9.5 W - 27 W (range dependent)		9.5 W - 27 W (range dependent)		8.5 W	
Supply voltage	19 to 74 V DC		19 to 74 V DC		19 to 74 V DC		19 to 74 V DC		12 to 48 V DC	
Comms	Ethernet VDSL		Ethernet VDSL		Ethernet		Ethernet		Ethernet Serial (RS232 / RS485)	
Material	Titanium		Aluminium	Titanium	Aluminium		Aluminium		Aluminium	
Maximum range	120 m	50 m	120 m		120 m	50 m	120 m		50 m	
Horizontal beamwidth	120°		120°		120°		120°		90°	
Vertical beamwidth	20° (tilted down 10°)	12° (tilted down 10°)	20° (tilted down 10°)		20°	12°	20°		20°	
Effective angular resolution	0.25°	0.12°	0.25°		0.25°	0.12°	0.25°		0.7°	
Range resolution	4 mm	2.4 mm	4 mm		4 mm	2.4 mm	4 mm		8 mm	
Acoustic angular resolution	1.0°	0.6°	1.0°		1.0°	0.6°	1.0°		2.34°	
SDK	Available on request		Available on request		Available on request		Available on request		Available on request	

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