

S2CM-HS

PRODUCT INFORMATION

New high-speed mini-modem offers **incredible 62.5 kbps** for short-range transmissions

Available as a single unit or with a cable-mounted transducer: great for UUVs and divers

All benefits of the **S2C Technology** in a compact design: smaller and lighter than the standard S2CR modem range

Fully compatible with EvoLogics S2C R and S2C R USBL series



TECHNICAL SPECIFICATIONS

GENERAL	OPERATING DEPTH	Delrin	200 m
	OPERATING RANGE		300 m
	FREQUENCY BAND		120 - 180 kHz
	TRANSDUCER BEAM PATTERN		omnidirectional
CONNECTION	ACOUSTIC CONNECTION		up to 62.5 kbit/s
	BIT ERROR RATE		less than 10 ⁻¹⁰
	INTERNAL DATA BUFFER		1 MB, configurable
	HOST INTERFACE		Ethernet or RS-232
	INTERFACE CONNECTOR		1 SubConn® Metal Shell 1500 Series
POWER	CONSUMPTION	Stand-by Mode	0.5 mW
		Receive Mode ¹⁾	0.8 W
		Transmit Mode	3.5 W, 200 m range 10 W, max.
	POWER SUPPLY		External 24 VDC (12 VDC optional)
PHYSICAL	DIMENSIONS	Housing	Ø 63 mm x 235 mm
		Total length	310 mm
	WEIGHT dry/wet	Delrin	1120/330 g

¹⁾Power consumption for the RS-232 interface option. Add 500 mW for the Ethernet interface option.

APPLICATIONS

Communication for UUVs and divers
 Size- and weight-sensitive applications
 Speed-sensitive applications

CONFIGURATION OPTIONS

HOUSING	DELTRIN	Plastic non-magnetic corrosion-resistant housing for short-term deployments, depth rating 200 m
	TRANSDUCER	Built-in or Cable-mounted
	INTERFACE CONNECTOR	RS-232 or Ethernet
	OEM VERSION	Electronics and cable-mounted transducer ✓



The M-series compared to a standard S2CR 48/78 underwater acoustic modem (far left)