

Multicomm

Intelligent Junction Box



Applications

- ROV/AUV construction
- System integration
- Survey suite integration

The flexibility of the Multicomm provides users with a package that can interface Trittech SeaKing and SeaPrince sonars in a wide variety of different configurations. This allows for full integration of sensors for applications such as configuring an ROV for survey work.

Benefits

- Compatible with SeaKing and SeaPrince
- ARCNET or RS232 communication
- Flexible design
- Field configurable

Features

- 4000m depth rating
- Supplied with interconnect cables
- AUX port for third party sensors

The Multicomm can be linked to a number of SeaKing sensors and communication can then be made to the Surface Control Unit (SCU) using the RS232 protocol.

As well as providing RS232 output the Multicomm can act as a transparent interface allowing communication using Trittech's ARCNET protocol.

The Multicomm can also accept inputs from third party sensors, such as a gyro, which can be connected to the Multicomm AUX port.

Key Specification	
Sensor connectors	4 x Trittech 6 pin
Input voltage	24 - 30V DC
Main connector	8 pin mini Burton (5506-1508)
Depth rating	4000m / 13,124ft
Weight in water	1.9kg / 4.19lbs

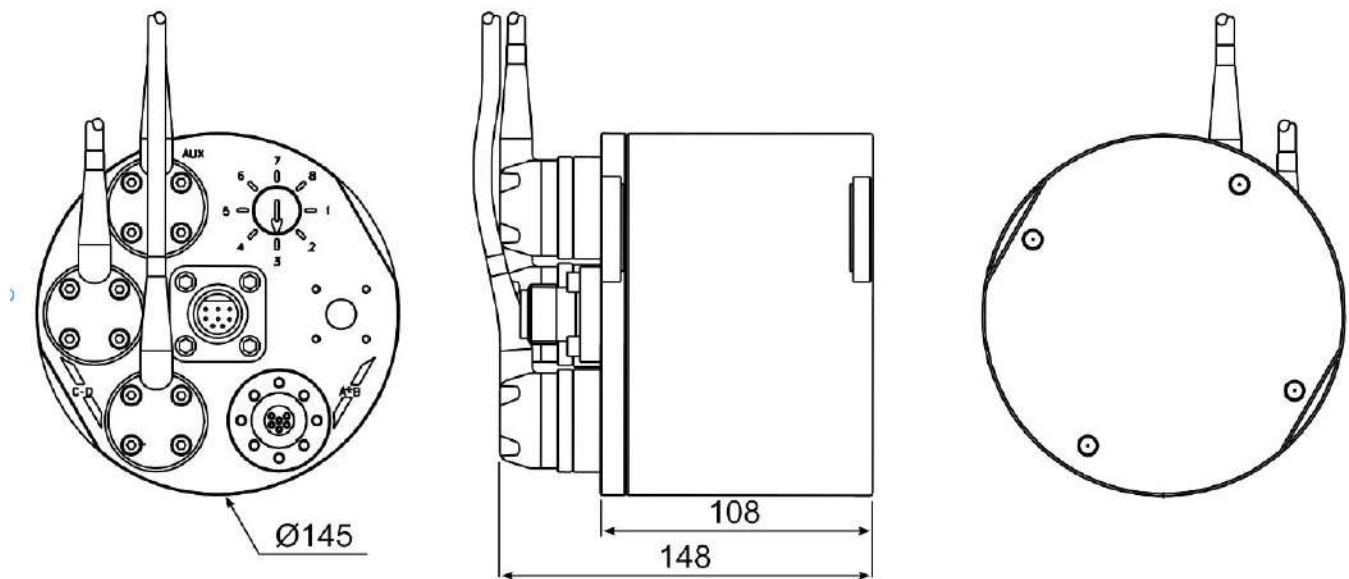
Electrical and Communication

Sensor connectors	4 x Tritech 6 pin
Input voltage	24 – 30V DC
Current drain	2A with 4 sensors (typical)
Interface cables	4 x 6m Tritech cables
Main connector	8 pin mini Burton (5506-1508)
Communication protocols	ARCNET, RS232
Compatibility	Compatible with Tritech sensor suites from SCU-3 onwards

Physical specification

Weight in air	3.8kg / 8.38lbs
Weight in water	1.9kg / 4.19lbs
Depth rating	4000m / 13,124ft
Materials	Anodised aluminium
Operating temperature	-10°C to 35°C / 14°F to 95°F
Storage temperature	-20°C to 50°C / 4°F to 122°F

Specification subject to change in line with Tritech's policy of continual product development



Not to scale. Measurements in mm.

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