

# Multicomm Subset Junction Box

## Versatile subsea connection for SeaKing and SeaPrince systems

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.

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 would be connected to the Multicomm AUX port.



### 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

### Applications

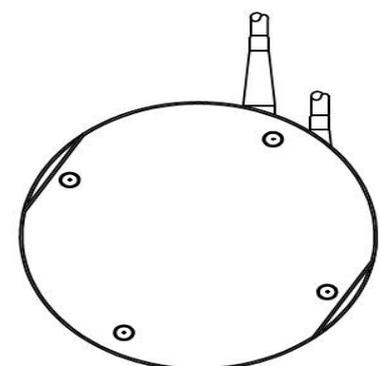
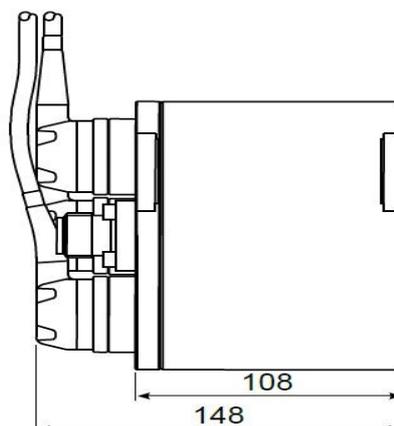
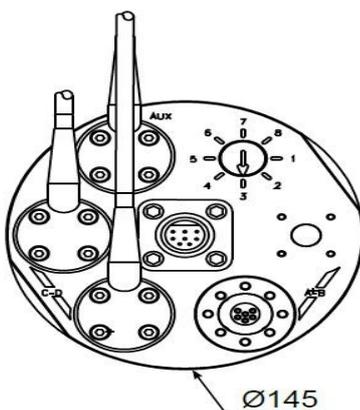
- ROV/AUV construction
- System integration
- Survey suite integration

## Electrical & Communication

<b>Sensor Connectors:</b>	4 x Trittech 6 pin
<b>Input Voltage:</b>	24 – 30V DC
<b>Current drain:</b>	2A with 4 sensors (typical)
<b>Interface cables:</b>	4 x 6m Trittech cables
<b>Main Connector:</b>	8 pin mini Burton (5506-1508)
<b>Communication Protocols:</b>	ARCNET, RS232
<b>Compatibility:</b>	Compatible with Trittech sensor suites from SCU-3 onward

## Physical

<b>Weight in air/water:</b>	3.8 / 1.9 kg
<b>Depth rating:</b>	4,000m
<b>Materials:</b>	Anodized aluminum
<b>Operating Temperature:</b>	-10 to 35°C
<b>Storage Temperature:</b>	-20 to 50°C



Not to scale, dimensions in mm.