

# CEE JET™

Surf Zone Single Beam Survey System  
For SEA-DOO



## Precision Hydrographic Surveying for Personal Water Craft

The CEE JET™ is a fully integrated surf zone hydrographic survey system for professional grade results in challenging near shore environments. It is a complete “add-on” kit that’s ready for CEE ECHO™ or CEESCOPE™ echo sounders. All of the hydrographic system components are installed inside a watertight case mounted with SEA-DOO’s quick attach LINQ Cargo System. With wireless telemetry, tablet mount and custom transducer mounting brackets, the CEE JET™ is a field-proven turnkey solution for the most challenging survey locations.

For existing CEE ECHO™ or CEESCOPE™ users, the CEE JET is the perfect addition to expand your survey capabilities.



[www.ceehydrosystems.com](http://www.ceehydrosystems.com)

# CEE JET™

## System Overview

### Complete Survey System

The CEE JET is a fully **self-contained** single beam hydrographic surveying “add-on” kit designed to be installed on Sea-Doo PWC vehicles with the **LinQ** system. The frame requires **no modifications** to the Jet Ski and boasts a quick installation and removal while ensuring high-precision data acquisition in challenging near-shore and shallow water environments.

(Installation on other vehicles is also possible given user customisation)

### Clean, Efficient Set Up for Field Operations

**Extended Battery Life** – Powered by a high-capacity 12V LiFePO4 battery, ensuring longer survey sessions without frequent recharges.

**Wireless Data Streaming and Monitoring:** Survey data, including echo sounder measurements and motion sensor outputs—is **streamed** straight to compatible software such as **HYPACK** or **Hydromagic**.



### Seamless Compatibility and Smart Integration

The CEE JET is designed to **work** effortlessly with any **CEESCOPE** or **CEE ECHO** echo sounder, creating a **plug-and-play** experience with all hardware safely housed inside a removable, **waterproof protective case**.

The **integrated Wi-Fi** module allows for wireless data streaming, reducing the need for physical connections and enabling surveyors to **monitor** and **adjust settings** on the fly, ensuring maximum operational efficiency.

A **water-resistant tablet**, protected by a durable composite Wave Breaker Shroud, acts as the primary control and display interface, providing real-time survey data visualisation.

### Advanced Motion Compensation and Positioning

**MEMS Motion Sensors:** Using the SBG Ellipse MRU to **correct for attitude errors** (pitch, roll, and heave) in real-time. This ensures more accurate bathymetric data even in dynamic water conditions.

**User-Friendly Interface and Sensor Calibration:** The integrated sensor configuration menu simplifies adjustments such as static IP setup for Wi-Fi connectivity and fine-tuning the SBG Ellipse motion sensor settings.



# CEE JET™

## General Specifications

### Compatible Jet Ski Models

Sea-Doo FishPro Sport  
Sea-Doo FishPro Trophy

### Physical

Dimensions (frame with case) 700 x 600 x 300 cm (L x W x D) (±10)  
275" x 236" x 118"  
Weight 38 kg (Not including echo sounder)  
Colour Various  
Connectors LEMO 1K & 2K series, TNC

### Environmental

Ingress protection rating IP67

### Power

Battery 12V Rechargeable Lithium Deep Cycle Battery 24Ah (LiFePO4)

### External Connectors

Transducer LEMO 2K  
IMU LEMO 1K  
GNSS TNC  
UHF TNC

### Wi-Fi Access Point

Wi-Fi Standards 802.11 a/b/g/n/ac/ac-wave2,  
Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)  
Frequency 2.4 GHz, 5 GHz

### Compatible Echo Sounder Models

CEE ECHO  
CEESCOPE

### Transducer

High Frequency 200 kHz 9° beam width @ -3dB

### Ruggedised Tablet

MESA Pro IP68 rating  
256 GB NVMe  
2 Removable batteries  
i7 16GB Ram w/Windows 11 Pro Std  
4G LTE



## What's Included

### CEE JET 1600:

Pelican 1600 customised and ruggedised case with:

- Rechargeable Lithium Battery LiFePO4 (12.8V, 21.6Ah) with mains power switch for additional power
- LiFePO4 battery charger, 12 V 5 A
- Wi-Fi access point for wireless connection between CEESCOPE / CEE ECHO and Data Logger
- Integrated cable connections for ingress protection and ease of use
- Plate for securing customers CEE echo sounder with vibration dampening mounts for equipment protection

### CEE JET - Sea-Doo FishPro Sport LINQ Mounting System:

- Transducer mounting bracket with matching alternate side bracket for even weight distribution and manoeuvrability
- Survey pole for GNSS antenna mounting
- UHF antenna mounting bracket (optional)
- SBG Ellipse Heave Bracket (optional)
- LINQ System compatible mounting bracket for CEE JET 1600 case
- Helm mounting system for tablet / screen with wave

## CEE JET 1600 Kit

### Have a different Jet Ski?

The CEE JET 1600 Kit is designed for users who want to integrate the system with their own personal water craft. This option includes the case and frame, providing the flexibility to adapt this solid foundation to your own PWC.

- specifications are subject to change  
- visit [www.ceehydro.com](http://www.ceehydro.com) for the complete list of specifications  
- V2506401

### AUSTRALIA OFFICE

CEE HydroSystems  
Unit 1, 12 Cecil Rd,  
Hornsby, Sydney  
NSW 2077 Australia  
t: +61 (0) 2 9482 5880  
e: [sales@ceehydro.com](mailto:sales@ceehydro.com)

### NORTH AMERICA OFFICE

CEE HydroSystems USA, Inc.  
701 Palomar Airport Road  
Suite 300, Carlsbad  
CA 92011 USA  
t: +1 760 492 4511  
e: [sales@ceehydro.com](mailto:sales@ceehydro.com)

