


Product Name	SmartBox Extender
Product Image	
Part Number	SBE-001
Dimensions & Weight	
Product Description	<ul style="list-style-type: none"> • The SmartBox Extender is designed to enable seamless communication between Smart Boat modules across the vessel using the onboard network infrastructure. • Developed to complement the wired architecture of the Smart Boat system, the Extender provides an additional layer of flexibility for installations where physical cabling is impractical or where extended coverage is required. • The SmartBox Extender will support scalable system layouts across larger or more complex vessels.
Key Features	<p>System Connectivity</p> <ul style="list-style-type: none"> • Network-Based Module Communication Enables Smart Boat devices to communicate via onboard network (e.g. WiFi infrastructure) • Extended System Reach Supports installations across larger vessels where direct cabling is less practical <p>Installation Flexibility</p> <ul style="list-style-type: none"> • Reduced Cabling Dependency Minimises the need for long physical data cable runs between modules • Adaptable System Layouts Enables more flexible positioning of controllers and modules
Customer Benefits	<ul style="list-style-type: none"> • Greater Installation Freedom Ideal for retrofit projects or complex vessel layouts • Scalable Architecture Supports expansion without major rewiring

Use Cases	<p>The Repeater simplifies additional wiring requirement to communicate with a bow thruster installed 10-20m from the main wiring cabinet</p> <p>A vessel has restricted cable ducting which is significantly overcome by the installation of a Repeater</p>
SmartBoat Ecosystem Context	<p>The SmartBoat Extender is intended to complement the wired backbone (RJ45-based architecture) by introducing network-assisted connectivity, allowing the system to adapt to a wider range of vessel sizes and layouts.</p>
Installation & Integration	<p>Designed for competent DIY installers and marine professionals, the system:</p> <ul style="list-style-type: none"> • Integrates with existing wiring (no full rewire required) • Simplifies future modifications and upgrades • Significantly improves fault-finding efficiency <p>Designed for surface or Din Rail mounting</p>