


Product Name	SmartBox Nano
Product Image	
Part Number	SBN-001
Dimensions & Weight	
Product Description	<ul style="list-style-type: none"> • The SmartBox Nano is the first release in the SmartBox controller family, acting as the central data and control hub for all Smart Boat modules. It provides data logging, telemetry, GPS tracking, and backup/restore functionality, fully integrated with the Smart Boat app. • <i>Future releases include SmartBox Core (later this year) and SmartBox Pro (2027). When multiple SmartBox units are installed, the Nano can operate as a backup system, automatically synchronizing data with the Core and taking over in case of failure, ensuring continuous control and monitoring. Remove???</i>
Key Features	<p>Centralised Control</p> <ul style="list-style-type: none"> • Manages all connected Smart Modules: Terminal Blocks, Relay Controllers, Sensor Modules, Temperature Monitors, and SSRs • Handles data logging, telemetry, GPS tracking, and configuration <p>Backup & Redundancy</p> <ul style="list-style-type: none"> • Automatically syncs with SmartBox Core • Acts as a failover system in case Core goes offline <p>Safety & Monitoring</p> <ul style="list-style-type: none"> • Supports anchor alarms and geofencing for vessel security • Integrates with Smart Boat app for live monitoring, configuration, and alerts <p>System Intelligence</p> <ul style="list-style-type: none"> • Coordinates data and command flows across all modules • Maintains synchronization and configuration consistency across distributed systems
Customer Benefits	<ul style="list-style-type: none"> • Full System Oversight • One hub manages all onboard monitoring and control

	<ul style="list-style-type: none"> • Fail-Safe Operations Redundancy ensures critical data and control functions remain active • Future-Proof Expansion Nano, Core, and Pro system allow incremental upgrades without replacement • Enhanced Security & Tracking GPS-based monitoring for anchor position, geofencing, and fleet awareness
Use Cases	<ul style="list-style-type: none"> • Centralised Monitoring & Logging Track all sensor data, circuit states, and alerts from a single hub • Failover Protection Nano takes over automatically if Core fails • Vessel Security & Geofencing Receive alerts if anchor drags or vessel enters/exits defined areas • Telemetry & App Integration Full integration with Smart Boat app for remote monitoring
SmartBoat Ecosystem Context	<p>SmartBox Nano acts as the central intelligence layer for the Smart Boat ecosystem, connecting all modules, maintaining synchronized control, and providing backup and redundancy. It enables Centralised data logging, secure operations, and seamless app integration, forming the foundation for future Core and Pro expansion.</p>
Installation & Integration	<p>Designed for competent DIY installers and marine professionals, the system:</p> <ul style="list-style-type: none"> • Install as primary or backup control hub • Integrates with all Smart Boat modules via RJ45 or onboard network • Fully configured via Smart Boat app <p>Designed for surface or Din Rail mounting</p>