

SmartBoat® Module Version 1.0

Multi-Network Protocol Gateway with Remote Diagnostics and Control


SmartFlex™ System



Patent Pending

For the best experience connecting to the SmartBoat Module, download and run the Airmar CAST™ app. Scan the QR code here or on the module for access to the download page.



 Go to SUPPORT for the complete User Manual.

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Step 1

Powering the AIRMAR Smart Module (ASM)

Connect the module to a powered NMEA 2000® network. The Power and Status LEDs will be lit when it is powered on and ready to communicate over the NMEA 2000 network.



Step 2

Connecting to the ASM via mobile device

1. Download AIRMAR's CAST™ app onto your iOS or Android device. The CAST app will connect to the SmartFlex™ browser-based management interface in the ASM via Bluetooth LE.*
2. Select the device you wish to access.
3. Select CONFIGURE to access the web browser.

Connecting to the ASM via laptop or tablet (8" screen size or above recommended)

1. Open the Wi-Fi settings on your laptop or tablet.
2. Connect to the SmartBoat® access point. The SSID will start with "ASM-" and contain the model number and 8-character serial number of the module.
3. Open your browser and navigate to the web-server default address: 192.168.2.1

* Bluetooth accessibility to a SmartBoat module ends after the module has been on for ten minutes. Restart the module to refresh Bluetooth accessibility.

Step 3

Initial Setup of Your ASM

Once connected to the ASM via the app or web browser, a MODULE STATUS screen will appear. The links on the left side of the screen include options for the setup and management of sensor data, including:

1. GUIDED SETUP will lead you through the basic configuration of connected sensors and networks.
2. SUPPORT links to a complete downloadable manual stored internally in the ASM.
3. ADMINISTRATION allows you to restore a saved configuration or reset the module to the factory configuration.

Refer to the complete user manual located in SUPPORT for detailed, step by step configuration of connected sensors and networks.

The screenshot shows the AIRMAR SmartBoat Module Status page. The page has a blue header with the AIRMAR logo and 'TECHNOLOGY CORPORATION'. On the right, there are links for 'Airmar Remote Access' and 'Log Out'. The main content area is divided into two columns. The left column is a navigation menu with items: 'ASM-CES-T1', 'Status', 'Configuration', 'WiFi / Ethernet', 'View Network', 'SAE J1939', 'NMEA 0183', 'Support', 'Guided Setup', and 'Administration'. The right column displays the 'SmartBoat® Module Status' information. It includes a 'Module Information' section with fields for Serial Number (97187F61), Hardware Version (ASM-CES-T1), Firmware Version (1.1.0), Running Time (0 Days : 20 Hours : 5 Minutes), Total Running Time (19.9 Hours), and USB Storage (Not available). Below this is an 'Installation Description' section. At the bottom, there is a 'Networking' section with fields for Access Point (SSID: ASM-CES-T1-97187F61, Enabled), Wifi Status (Not Connected), and Ethernet (Connected, IPV4: 10.10.10.11). A 'NMEA 2000' section is partially visible at the bottom.