Actisense®

W2K-1
NMEA 2000® to Wi-Fi

Wifi Gateway & Data-logger in 1 device

Features	Advantage	Benefits
Ruggedised casing	✓ Highly durable IP67 rated waterproof enclosure	✓ Suitable for wet and harsh environments
Compact size	✓ Can be used in a multitude of concealed locations	✓ Ideal for areas where space is limited
Wi-Fi	✓ Creates a wireless data link to multiple devices	✓ Enables use of mobile devices and laptops without the hassle of a physical connection
NMEA 2000 to NMEA 0183 data server	✓ Utilises the award wining Actisense NGW-1 NMEA Bi-Directional conversion engine	✓ Allows compatibility with a wide range of NMEA 2000 & NMEA 0183 applications
3 independent configurable data servers	✓ Flexible data protocol and connection configuration options	✓ Adds further compatiblity with a multitude of applications which can be used simultaneously
Pre-installed SD Card	✓ Ready to use out-of-the-box with high quality pre-installed industrial spec 8GB SD card	✓ Greatly improved reliability over consumer SD cards at no extra cost
NMEA data logging	✓ Keep, share and analyse journey details	✓ Provides between 4 and 100 days of data logging depending of network load, using the pre-installed 8GB card
Monitor NMEA 2000 network voltage	✓ Simple visibility to help diagnostics	✓ Helps quickly identify if there is an NMEA 2000 network power issue
Remote firmware upgradability	✓ Future proof	✓ Firmware can be quickly updated over Wi-Fi allowing features to be upgraded
Each device has unique SSID and password	✓ Enhanced security	✓ Unique randomly generated password adds to peace of mind
User manual embedded on the device	✓ Easily accessible via a web browser on any connected device	✓ Easy access to latest user manual
Low power	✓ Efficient design reduces battery consumption	✓ Increased battery life
Integrated internal antenna	✓ Simple to install	✓ Less chance of accidental physical damage

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W2K-1
NMEA2000 ↔ WiFi

Power   Rx   Tx   Status

W2K-1
NMEA 2000® to Wi-Fi

The Actisense two-in-one NMEA 2000 to Wi-Fi Gateway and data logger

A ruggedised and reliable device that wirelessly shares vessel network data and logs to a built-in SD card