



Marine Internet Access Kit

Reliable, long-range internet access on board your boat.

Benefits

Superior Connectivity

Stay connected in more places with the PicoSense Marine Internet Access Kit. Operating on the 700Mhz frequency (4GX), the kit out-performs the competition.

Wired and Wireless Networking

Stop relying on your mobile phone to create a Wi-Fi hotspot for your boat. All compatible hardwired and Wi-Fi devices can access the shared internet connection .

Simple Installation

The Marine Internet Access Kit is pre-configured and includes everything you need. Unpack, install the hardware and turn it on for instant marine broadband.

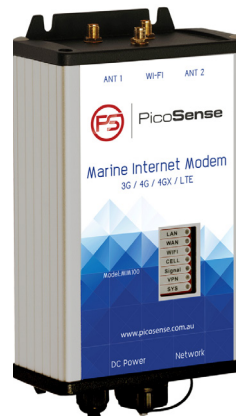
Remote System Monitoring

Monitor and receive alerts for critical systems, including bilge pumps and many more options, when away from your vessel.

Choice of Quality Components

The kit includes high quality marine grade antennas, low loss coaxial cable and mounts, that will withstand Australian marine conditions.

Kit Includes:



Modem / Router

- 4Gx/4G/LTE/3G
- Marine grade
- Fully configured
- Built-in Wi-Fi Access point for multiple wireless devices
- 1 x network port (RJ45) for hardwired connection
- Compatible with all SIM cards, no unlocking required

2 x High Gain Marine Antennas

- For mounting to vessel
- Adjustable nylon deck mounts
- 2 x 10m low loss coaxial cable and connectors

Wi-Fi Antenna

- For reliable Wi-Fi coverage throughout your vessel



Network Coverage

The PicoSense Marine Internet Access Kit is compatible with Telstras' 4GX network, operating on the 700Mhz band. Visit www.marineinternet.com.au for detailed network coverage maps and more information.



Application Examples



Access critical weather reports AND download GRIB weather charts.



Operate your business from your boat.

Connect to your chartplotter for easy software/firmware updates and take full advantage of connected services.



Receive SMS/Email alerts when not onboard (for security, bilge pumps etc).

Play music and videos from online streaming services such as Spotify and Netflix on your vessel's Smart TV, Fusion and other Wi-Fi enabled devices.



Specifications

Features		Security	
<ul style="list-style-type: none"> Data limitation (tracks your usage per month and can alert you at predetermined usage levels) VPN support SMS Control Digital inputs/outputs (Contact us for how to use these) RS-232 Serial port (for connection to NMEA0183 devices) Web interface for configuration 		<p>Supports</p> <ul style="list-style-type: none"> 64/128 bits WEP, 802.1x, WPA and WPA2 WDS TKIP/ AES encryption EAP - TLS, TTLS, LEAP, PEAP Defence DOS attack, Supports SYN flooding, etc PAP and CHAP IP filtering Network Address Translation (NAT) Stateful Packet Inspection (SPI) VPN Pass-through 	
Cellular Bands / Frequencies Supported		Cellular Antenna	
4G/4GX LTE Bands:	B1 (2100), B2 (1900), B3 (1800), B5 (850), B7 (2600), B8 (900), B20 (800DD), B28 (700Mhz)	Length	67cm (without deck mount)
	Downlink: 150Mbps (Cat 4)	Gain	9dBi
	Uplink: 50Mbps	Deck Mounts	Adjustable deck mounts allowing installation on horizontal or vertical surfaces
3G UMTS/HSPA/HSUPA/HSPA+ HSPA+/GC-HSPA+ (850/900/1900/2100 Mhz)		Cable	10m LMR-400 coax with N-Type connector (antenna end)
	Downlink: 21/42Mbps	Power	
	Uplink: 5.76Mbps	Supply	5 - 40VDC, typical 12VDC
Wi-Fi Interface		Fuse	1A max (not supplied)
<ul style="list-style-type: none"> Wi-Fi can be used as a client instead of access point Supports multiple wireless clients at once 		Consumption	125mA @ 12VDC (average), 22mA@12VDC (idle), 208mA@12VDC (max)
Standards	802.11 b/g/n 150Mbps	Physical Characteristics (Modem/Router)	
Antenna	Includes 15cm whip antenna and 2m of lead (will meet the requirements of most vessels)	Dimensions	200 (H) x 108 (L) x 60mm (W)
LAN		Warranty	
Port	10/100Mbps RJ45 network port for connection to hardwired devices or non wireless devices	1 year	

Enquire now for pricing, or visit our website for further details including mounting options, detailed specifications and ideas for how to use the modem on board your boat.