NW-22 NMEA To WIFI Bridge – Gateway

Introduction

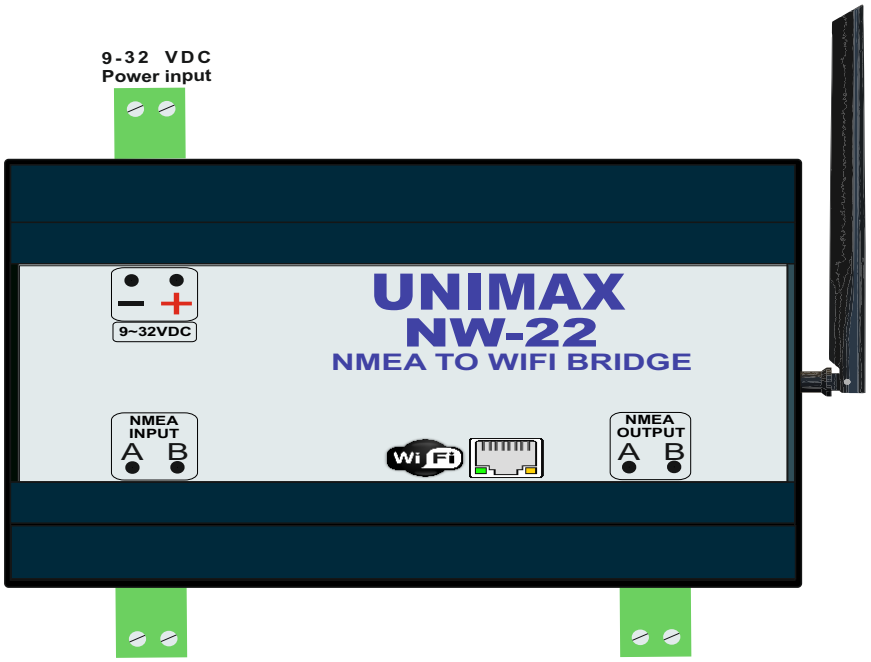
OVERVIEW

UNIMAX NW-22 is a smart NMEA to Wifi bridge.You can see marine navigational information in software applications. It can simply be connected to many wireless devices such as PC and smartphone. Supports TCP and UDP protocols . NW-22 creates its own wifi network. Also you can connect to the device directly or connect it to another network.Input speed of NMEA data can be adjusted by DIP switch.
NMEA input supports 4800, 9600, 38400, 115200 baud rates.NMEA data from the input is directed to the NMEA output port.The NMEA output transmits data at a constant rate (115200bps).

Features:

- 9-32VDC Power supply
- Reversed polarity protection
- NMEA0183, IEC61162 Protocol
- 1 X Galvanic isolated Input
- 1 X RS422, RS485 Output
- Wireless standards: IEEE 802.11N, IEEE 802.11g, IEEE 802.11B
- 802.11n up to 150Mbps Wifi Speed
- Supports TCP and UDP broadcast
- WPA-PSK/WPA2-PSK, WPA/WPA2 Security mechanism
- Max Connections < 20
- Ethernet optional
- External Wifi Antenna for long range
- 4800, 9600, 38400, 115200 Input baudrates
- Compatible with many marine software applications
- ABS DIN Rail Mount Box 105 x 86 x 58

To change the wifi bridge's settings, you need any Wi-Fi enabled device (laptop or smartphone) with any web browser.
IP address, port number, TCP, UDP, SSID options can be easily setup via the web interface.It can be reset to factory settings when incorrectly configured.

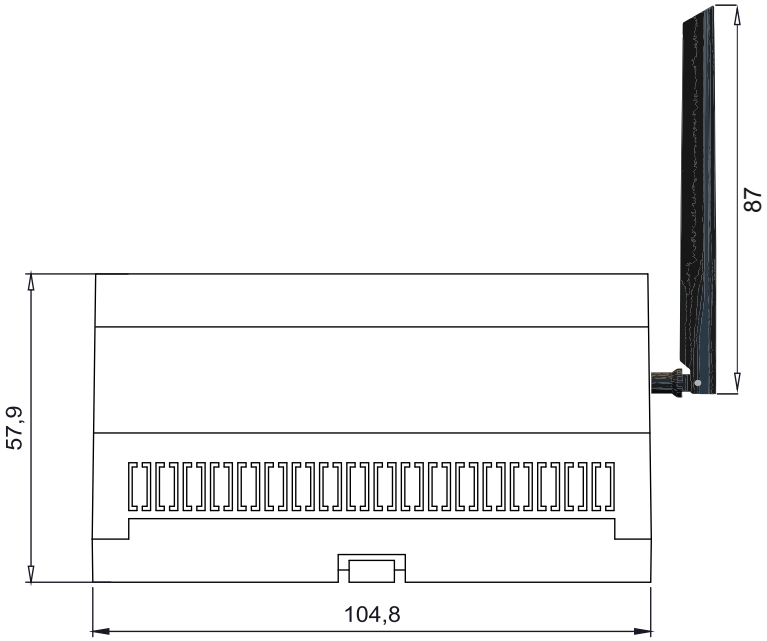


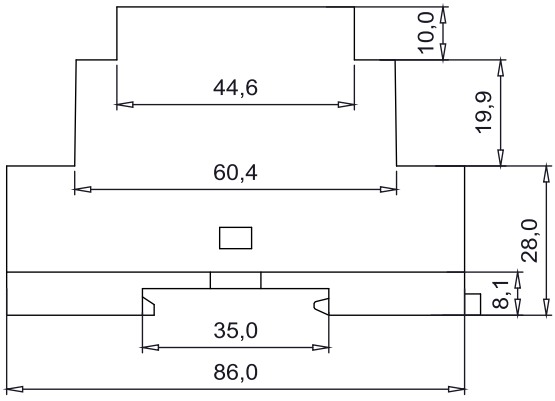
NMEA DATA

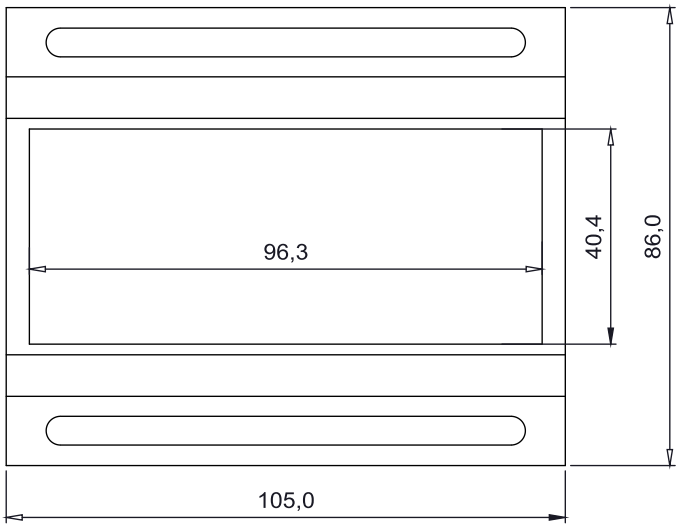
AIS, GPS, GYRO, WIND etc.

NW-22 WIFI BRIDGE

Outline Drawing:







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