

ZNC-514

14ch NMEA Combiner (Multiplexer)

■ Introduction

ZNC-514 14ch NMEA Combiner (Multiplexer) has 14 NMEA 0183 inputs and one Ethernet (TCP/IP-UDP) / RS422 / RS232 / NMEA 2000 (optional) outputs.



This is very useful for interfacing most navigation / communication equipment with such ECDIS, VDR and RADAR, because one ZNC-514 provides all NMEA 0183 data for many equipment simultaneously.

It provides NMEA 0183 data through Ethernet with TCP/IP-UDP port and RS422/232 simultaneously, and through optional NMEA 2000.

This was designed for considering high reliability and in accordance with IEC61162-1/2 standard.

■ Specifications

Input

NMEA 0183	<ul style="list-style-type: none"> - 13 Input Ports - NMEA 0183 (IEC61162-1) Standard Compliance - Supports Up to 38,400bps (115,200bps is only channel 13)
NMEA 0183HS	<ul style="list-style-type: none"> - 1 Input / Output (Bi-directional) - Galvanic Isolation with Main Circuit and Input Power - Supports Up to 115,200bps

Output

Ethernet & TCP/IP	<ul style="list-style-type: none"> - 100 BaseT, Automatic Tx/Rx Sense - UDP Port (More equipment can receive NMEA Data simultaneously) - Single UDP Port (5000), or Multiple UDP Port (5001~5014) per each input - Selectable appending input channel number if using single UDP - Telnet port for hardware configuration : IP Address, UDP Port, Baud Rate
RS422	<ul style="list-style-type: none"> - Output multiplexed NMEA Data (Selectable appending Input channel number) - Supports Up to 115,200bps - Compliance with NMEA 0183 (IEC61162-1) Standard
RS232	<ul style="list-style-type: none"> - Logically same as above RS422 Port

- Used for both Output and Console Port

Console port

RS232

- Both Tx/Rx (Same Port as above RS232)
- Hardware Configuration : IP Address, UDP Port, Baud Rate
- Firmware Upgrade

Power

Input Voltage

- DC 18~32V, Approximately 300mA at 24V DC, Max 10W
- Electronic Fuse, No Replacement Required

Physical specifications

Dimension/Weight - 253 x 200 x 48 mm / 2.0 kg (10 x 7.9 x 1.9 in / 4.4 lb)

Terminal - Removal Screw Terminal Blocks

Option

- NMEA 2000, TCP Port and DC12V are available, please contact us.

■ Remark

- 1) If you need any other specifications, please contact us.
- 2) This specification may be changed without notification.