

ZNR-208B

8ch NMEA Buffer, with Auto switch

The **ZNR-208B NMEA Buffer** is a high reliable serial data distributor (splitter/repeater) for relaying shipboard NMEA-0183 data to 8 listeners.

The input circuits is protected from over voltage, and even if no data on input port specified as primary, it is automatically(or manually) switched to secondary input data.

This **ZNR-208B NMEA Buffer** can receive all type of serial data such RS-422, RS-232, Current loop and 5V TTL signal. This has 8 RS-422 output ports, and two outputs (port 7 & 8) can be configured for both RS-422 and RS-232 signal.

This **NMEA Buffer** provides full DC isolation between input signal, output signal and input power each others.



ZNR-208B
8ch NMEA Buffer
(193 x 138.5 x 48.5 mm)

Specifications.

Standard :
- NMEA-0183 and IEC61162-1 standard Compliance
- EIA RS-422 (ITU-X.27/V.11) Compliance
- EIA RS-232 Standard Compliance

NMEA Input :
- 2 NMEA Inputs
- Support all of RS-422(NMEA-0183), RS-232, Current Loop and 5V TTL.
- Automatically or manually switched between input A and B.
- Primary input port can be specified.
- Up to 115,200bps

DIP SW :
(Left side)
- SW-1 : Select primary(default) Input port (A or B)
- SW-2 : Select change mode (Automatic or Manual change)
- If SW-2 is "Auto" position, when no data on primary input port for 5~10 second, it is changed to another input port.

- NMEA Output : - 8 independent RS-422 (NMEA-0183) ports
 - Two output ports (Port 7 and 8) can be configured independently for both RS-422 and RS-232 by each jumper.
 - Up to 115,200bps
- Display : - Input Power : Red LED
 (Left side) - NMEA data Input : Green LED (Each A and B input)
- Protection : - Input data circuit : Over voltage input protection (36V 1 min.)
 Circuits - output data circuit : Over current and surge voltage protection
 - Input power circuit : Reverse input and over current protection
- Temperature : - Operating : -15°C ~ +55°C
- Input Power : - 18~32VDC (Appr. 200 mA).
 - Electronic Fuse. (No replace required)
 - Optional: DC12V (9~16V)
- Weight : - Appr. 1.0kg.

* These specifications may be changed without any notification.

