

# ZNR-140

## 4ch NMEA Buffer/Converter

### ■ Introduction

**ZNR-140 4ch NMEA Buffer/Converter** is a high reliable serial data buffer and converter for relaying such NMEA 0183 data received from one signal talker to four RS422/RS232 listeners.



It is able to receive and transmit any type of serial data such RS422, RS232 and 5V TTL signal independently. This buffer provides full DC isolation between input, outputs and input power.

NMEA Buffer is also called as a splitter, a distributor, an expander and an amplifier.

### ■ Specifications

Standard	<ul style="list-style-type: none"> <li>- Compliance with NMEA 0183 (IEC61162-1) Standard</li> <li>- Compliance with EIA RS422 (ITU-X.27/V.11) and EIA RS232</li> </ul>
Input Port	<ul style="list-style-type: none"> <li>- 1 NMEA Input Port</li> <li>- RS422, RS232, Current Loop and 5V TTL Signal (Accept automatically)</li> <li>- Supports Up to 230,400bps</li> </ul>
Output Ports	<ul style="list-style-type: none"> <li>- 4 Output Ports</li> <li>- RS422, RS232, 5V TTL (Selectable by jumper of each output independently)</li> </ul>
Protection (Circuits)	<ul style="list-style-type: none"> <li>- Input Port : Over Voltage Protection (up to 36V)</li> <li>- Output Ports : Over Current, Surge Voltage Protection</li> <li>- Input Power : Reverse Voltage Protection</li> </ul>
Indicator (LED)	<ul style="list-style-type: none"> <li>- Input Power On : Red</li> <li>- Data In/Out : Green</li> </ul>
Input Power	<ul style="list-style-type: none"> <li>- 18~32VDC (Approximately 0.1A)</li> <li>- Electric Fuse, No Replacement Required</li> </ul>
Temperature (Operation)	<ul style="list-style-type: none"> <li>- -15°C~+55°C (-59°F~+131°F)</li> </ul>
Dimension/Weight	<ul style="list-style-type: none"> <li>- 107 x 75 x 30 mm / 500 g (4.2 x 3 x 1.2 in / 1.1 lb)</li> </ul>

■ Remark

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

