## NMEA DISTRIBUTOR



NND-100 NMEA Distributor converts 1 channel NMEA to 4 channels.

- Power Supply:
- Rated Current:
- Input:
- Output:

Max 150 mA@9 V NMEA 0183, RS422, 1 port

DC 9 V~24 V

NMEA 0183, RS422, 4ports

## NMEA DISTRIBUTOR

NND-200 is a NMEA distributor/buffer to provide 8 NMEA outputs from 4 inputs.

The baud rate can be up to 38400bps from 4800bps while the default rate is set as 4800bps.

With built-in optical-coupled isolator, the distributor is a reliable and professional device, which can be used on board. The external equipment

connected to the distributor can be safely protected from lightning surge on line.

NND-200 contains two NMEA buffers:

**Buffer 1**: 2 inputs/4 outputs. When used for GNSS buffer, all 4 NMEA outputs will keep on unless both GNSS inputs fail simultaneously. When both Input 1 and Input 2 are valid, only Input 1 will be selected as default.

Buffer 2: 2 inputs/4 outputs. Same as Buffer 1.

## Buffer 1 and Buffer 2 can be combined into a new buffer with 4 inputs/8 outputs.



•	Type of Interface:	RS485/RS422
•	Standards:	Conforms to IEC 61162-1, IEC 61162-2, NMEA 0183 Standards
•	Number of Inputs:	4
•	Number of Outputs:	8
•	Operation Mode:	Semi-duplex
•	Power Supply:	DC 24 V, 300 mA
•	LED Indicators:	NMEA inputs, NMEA outputs
•	Baud Rate:	4800 bps $\sim$ 38400 bps (default 4800 bps)
•	Cable Length:	0~5 m
•	Size:	35 (H) ×255 (W)×175 (D) mm
•	Operating Environment:	- 40°C ${\sim}85^{\circ}\text{C},$ relative humidity 5% to 95%





**NND-100** 

**NND-200**