

# NMEA Distributor (MD-550AUTO)

The Distributor will amplify the NMEA signal independently and assign to other devices, which signal is up to the IEC62216 standard.

## Main features

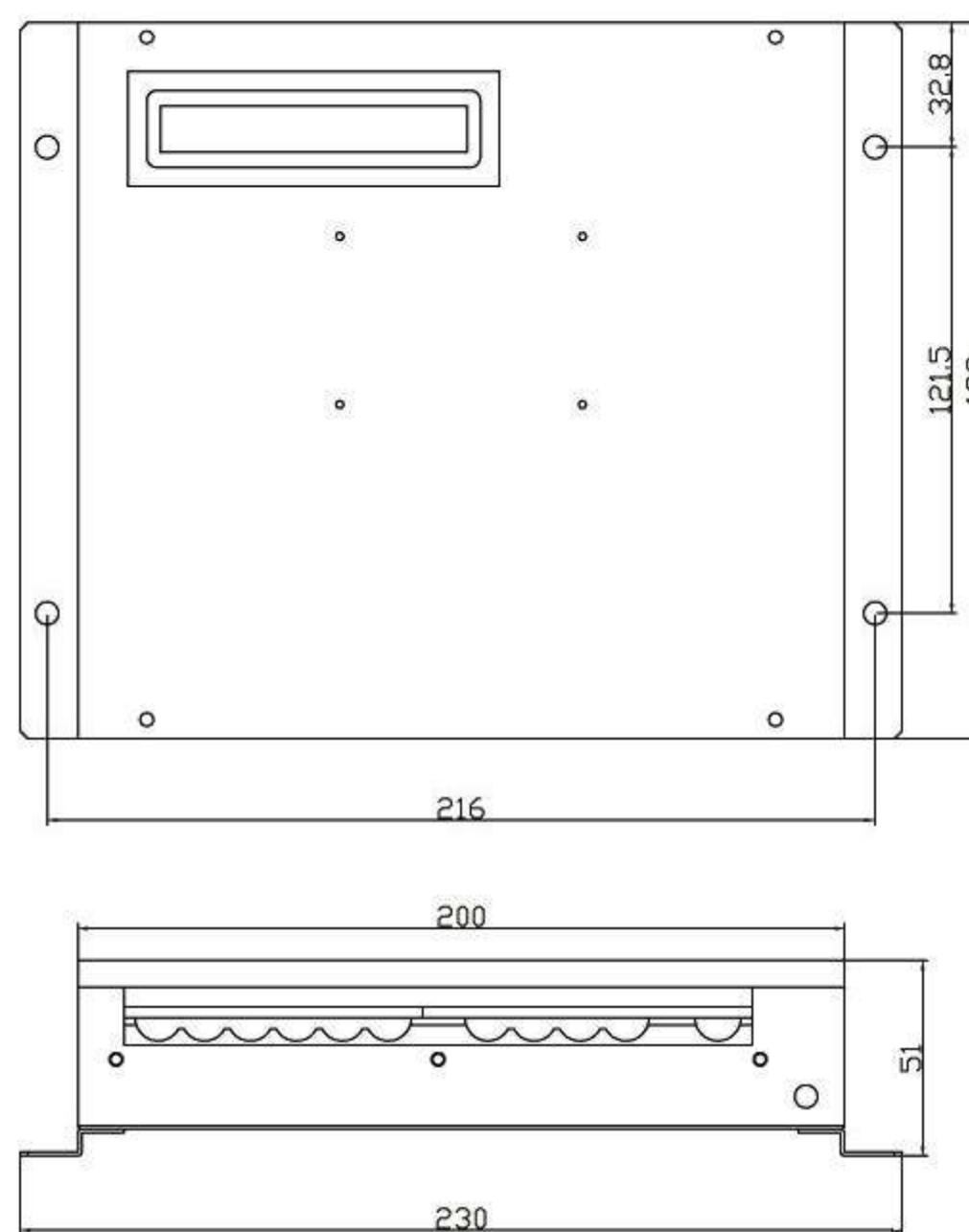
- Power isolation
- High-speed, it applies to the signal of 115200 Baud rate
- Input signal isolation
- Each signal's output is amplified independently
- It can be divided into two signals to use, and the two signals are amplified independently.  
(It means it will be divided into two independent distributor.)

### Connection 1:

Dual input and automatic conversion. A total of 16 output signals. If the first one is no signal, it will convert to the second one automatically. Connection: (DIP switch: K1-1, K1-2 OFF; K1-3, K1-4 ON)(Default connection)

### Connection 2:

Use as two independent distributor(For example: If the first one is connected the signal of GPS, the other one is connected the signal of AIS, each port will be output 8 signals of RS-422 and RS-232)(DIP switch: K1-1, K1-2 ON; K1-3, K1-4 OFF)



| OUT11(SHIFT) |        |    | OUT12(SHIFT) |        |    | RS232  | FG        | 232(TTL) | 24VDC |
|--------------|--------|----|--------------|--------|----|--------|-----------|----------|-------|
| TD11-A       | TD11-B | FG | TD12-A       | TD12-B | FG | TD14-H | TD14/16-C | TD16-H   | +     |
| 30           | 32     | 34 | 36           | 38     | 40 | 42     | 44        | 46       | 48    |
| 29           | 31     | 33 | 35           | 37     | 39 | 41     | 43        | 45       | 47    |
| TD5-A        | TD5-B  | FG | TD6-A        | TD6-B  | FG | TD13-H | TD13/15-C | T15-H    | -     |
| OUT5(DATA)   |        |    | OUT6(DATA)   |        |    | RS232  | FG        | VTG      | OV    |