# ANEMOMETER

## AM-100

- Strong nylon material used for transmitter case
- True wind speed/direction available
- Up to 4 display units and 6 data output
- Type approval with CCS

**AM-100R**
**REMOTE BUTTON**

**AM-100T TRANSMITTER**

**AM-100D DISPLAY UNIT**

- AM-100 Digital Anemometer is designed for marine use. With case made of nylon and PC material, AM-100 can stand strong wind of 60+m/s and can be installed outdoor without corrosion.
- AM-100 can support up to 4 display units to indicate wind speed and direction at four locations onboard. Maximum 6 ports of RS422 output are available, to provide wind data to other navigation devices.
- Real wind direction and speed can be indicated when AM-100 is connected with speed log and compass. The heading and speed data can also be provided with COG & SOG from GPS receiver, if the connection with speed log and compass is not possible in some cases.

CCS CE NYLON NYLON with 30% glass

## SPECIFICATIONS

- Wind Range: Wind direction 0～360°
  Wind velocity 0～60 m/s
- Accuracy: Wind direction ±5°
  Wind velocity ±(0.5+ V×5%) m/s
- Power Supply: AC 110 V/220 V
- Output Data: NMEA 0183 (6 ports, RS422), 4800 bps
- Input Signal: Gyro Compass, NMEA 0183, RS422
  Speed Log, NEMA 0183, RS422
- Display Capacity: Max 4 Display Units to be connected
- Environment: Outdoor -30℃～+70℃, Indoor -15℃～+55℃
- Size (Transmitter Unit): 627 (H)×605 (L)×243 (propeller diameter) mm
- Weight: 4.0 kg (Transmitter unit)
- IP Grade: IP22 (Display Unit, Junction Box, Remote Button)
  IP66 (Transmitter Unit)

## EQUIPMENT LIST

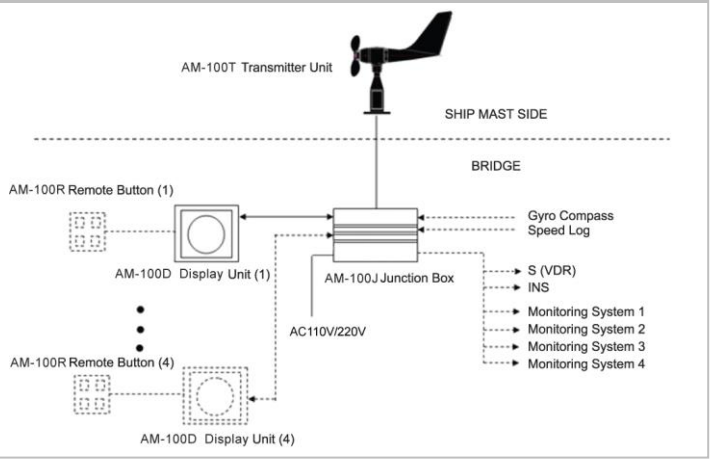
**● STANDARD**

| | | |
|---|---|---|
| - Transmitter Unit | AM-100T | 1 pc |
| - Display Unit | AM-100D | 1 pc |
| - Junction Box | AM-100J | 1 pc |
| - Outdoor Cable | 40 m | 1 pc |
| - Indoor Cable | 10 m | 1 pc |
| - Installation Materials | | 1 set |

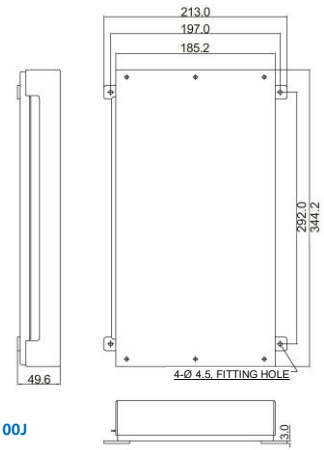
**● OPTIONS**

| | |
|---|---|
| - Remote Button | AM-100R |
| - Additional Display Unit | AM-100D |
| - Additional Cables | |

## SYSTEM DIAGRAM




## SIZE DIMENSION

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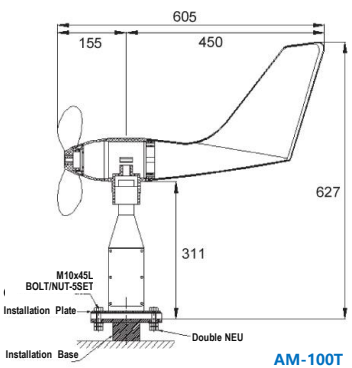


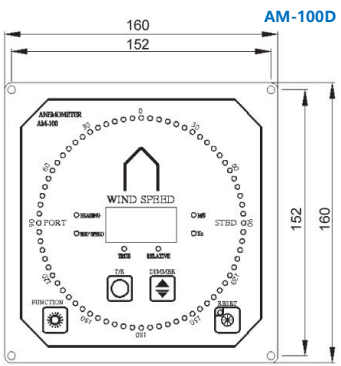


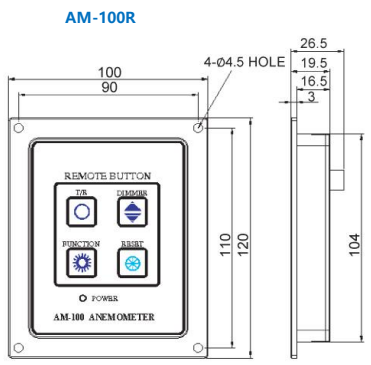


※ *Specifications subject to change without notice*