

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-100T ANEMOMETER TRANSMITTER



**AM-100R
REMOTE BUTTON**



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.



SPECIFICATIONS

- Wind Range: Wind direction 0~360°
Wind velocity 0~60 m/s
- Accuracy: Wind direction $\pm 5^\circ$
Wind velocity $\pm (0.5 + V \times 5\%) \text{ m/s}$
- Power Supply: AC 100 V ~ 240 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°C ~ +70°C, Indoor -15°C ~ +55°C
- Size: 627 (H) × 605 (L) × 243 (propeller diameter) mm (Transmitter)
- Weight: 4.3 kg (Transmitter)
- IP Grade: IP22 (Display Unit, Junction Box, Remote Button)
IP66 (Transmitter, Watertight Box)

EQUIPMENT LIST

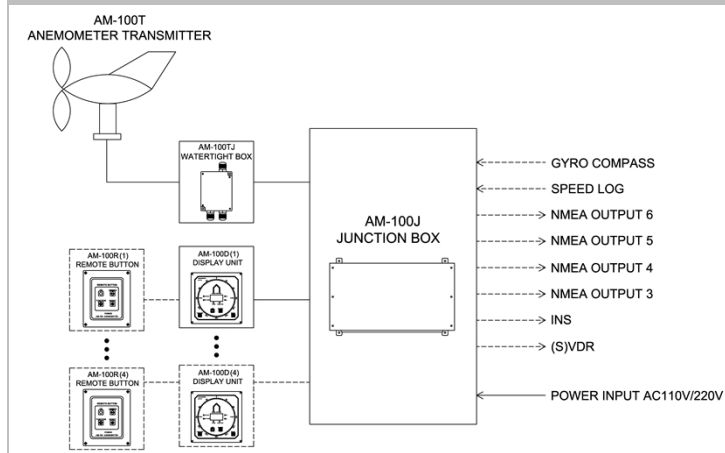
● STANDARD

- Anemometer Transmitter	AM-100T	1 pc
- Display Unit	AM-100D	1 pc
- Junction Box	AM-100J	1 pc
- Watertight Box	AM-100TJ	1 pc
- Outdoor Cable	40 m	1 pc
- Indoor Cable	10 m	1 pc
- Power Cable	2 m	1 pc
- Installation Materials		1 set

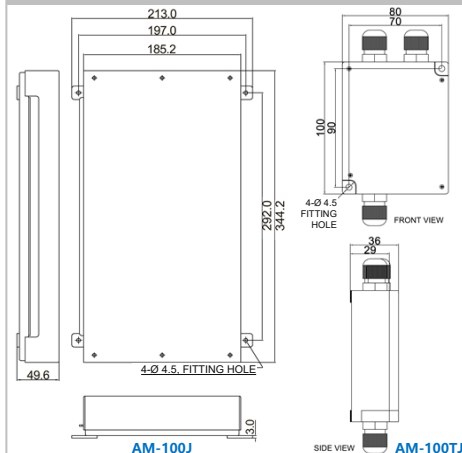
● OPTIONS

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

SYSTEM DIAGRAM



SIZE DIMENSION



SIZE DIMENSION

