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 ±5°
  Wind velocity ± (0.5 + V×5%) m/s
- **Power Supply:** AC220V
- **Output Data:** NMEA 0183 (6 ports, RS422), 4800 bps
- **Input Signal:** Gyro Compass, NMEA 0183, RS422
  Speed Log, NMEA 0183, RS422
- **Display Capacity:** Max 4 Display Units to be connected
- **Environment:**
  - Outdoor -30°C ~ +70°C
  - Indoor -15°C ~ +55°C
- **Size (AM-100T):** 614 (H) × 606 (L) × 243 (propeller diameter) mm
- **Weight (AM-100T):** 4.0kg (Transmitter)

**EQUIPMENT LIST**

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

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

**SYSTEM DIAGRAM**

- AM-100T Transmitter Unit
- SHIP MAST SIDE
- BRIDGE
- Gyro Compass
- Speed Log
- AM-100J Junction Box
- AM-100D Display Unit (1)
- AM-100R Remote Button (1)
- AM-100D Display Unit (4)
- AM-100R Remote Button (4)

**SIZE DIMENSION**

- Dimensions of the equipment

*Specifications subject to change without notice.*