

# NSR

## AM-100

### DIGITAL ANEMOMETER SYSTEM



AM-100T TRANSMITTER



AM-100D  
DISPLAY UNIT



AM-100R  
REMOTE BUTTON

**AM-100 DIGITAL ANEMOMETER SYSTEM**

# AM-100 DIGITAL ANEMOMETER SYSTEM

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 replaced with COG & SOG from GPS receiver, if the connection with speed log and compass is not possible in some cases.

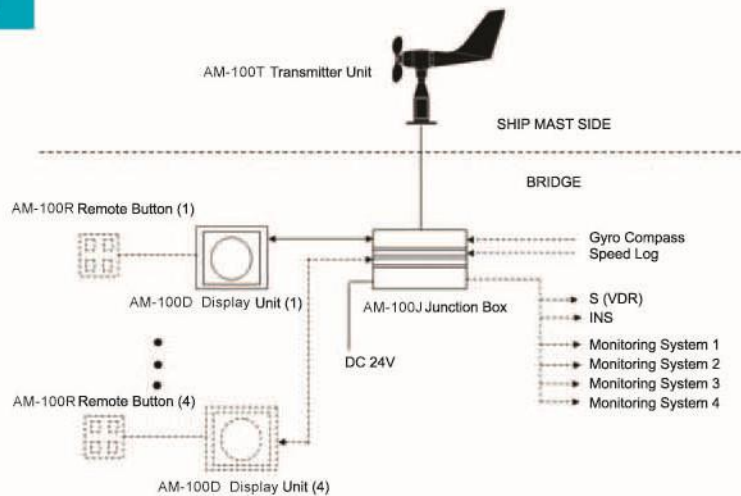
## SPECIFICATIONS

Wind Range:	Wind direction 0 ~ 360° Wind velocity 0 ~ 60 m/s
Accuracy:	Wind direction $\pm 5^\circ$ Wind velocity $\pm (0.5 + V \times 5\%)$ m/s
Power Supply:	DC24V, (range 12 ~ 38VDC)
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) :	abt 4.0kg

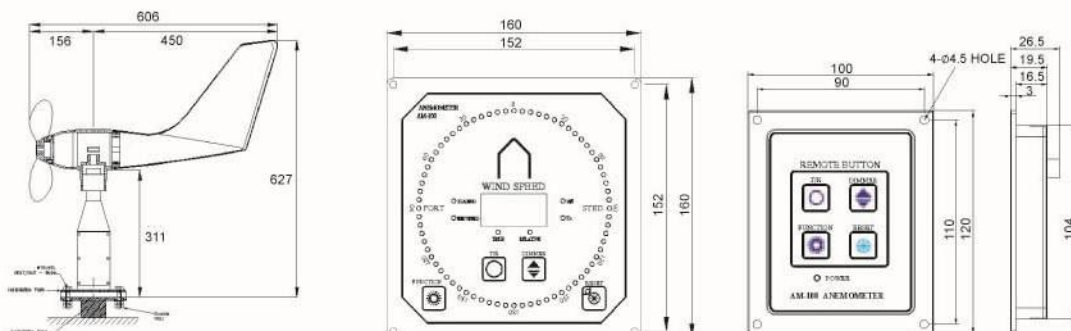
## EQUIPMENT LIST

- **STANDARD:**
  - Transmitter Unit AM-100T 1 set
  - Display Unit AM-100D 1 set
  - Junction Box AM-100J 1 set
  - Outdoor Cable 40m 1 pc
  - Indoor Cable 10m 1 pc
  - Installation Materials 1 set
- **OPTIONS:**
  - Remote Button AM-100R
  - Additional Display Unit AM-100D
  - AC/DC Power Supply Unit
  - Additional Cables

## SYSTEM DIAGRAM



## SIZE DIMENSION



※ Specifications subject to change without notice.