

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



AM-100T 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.



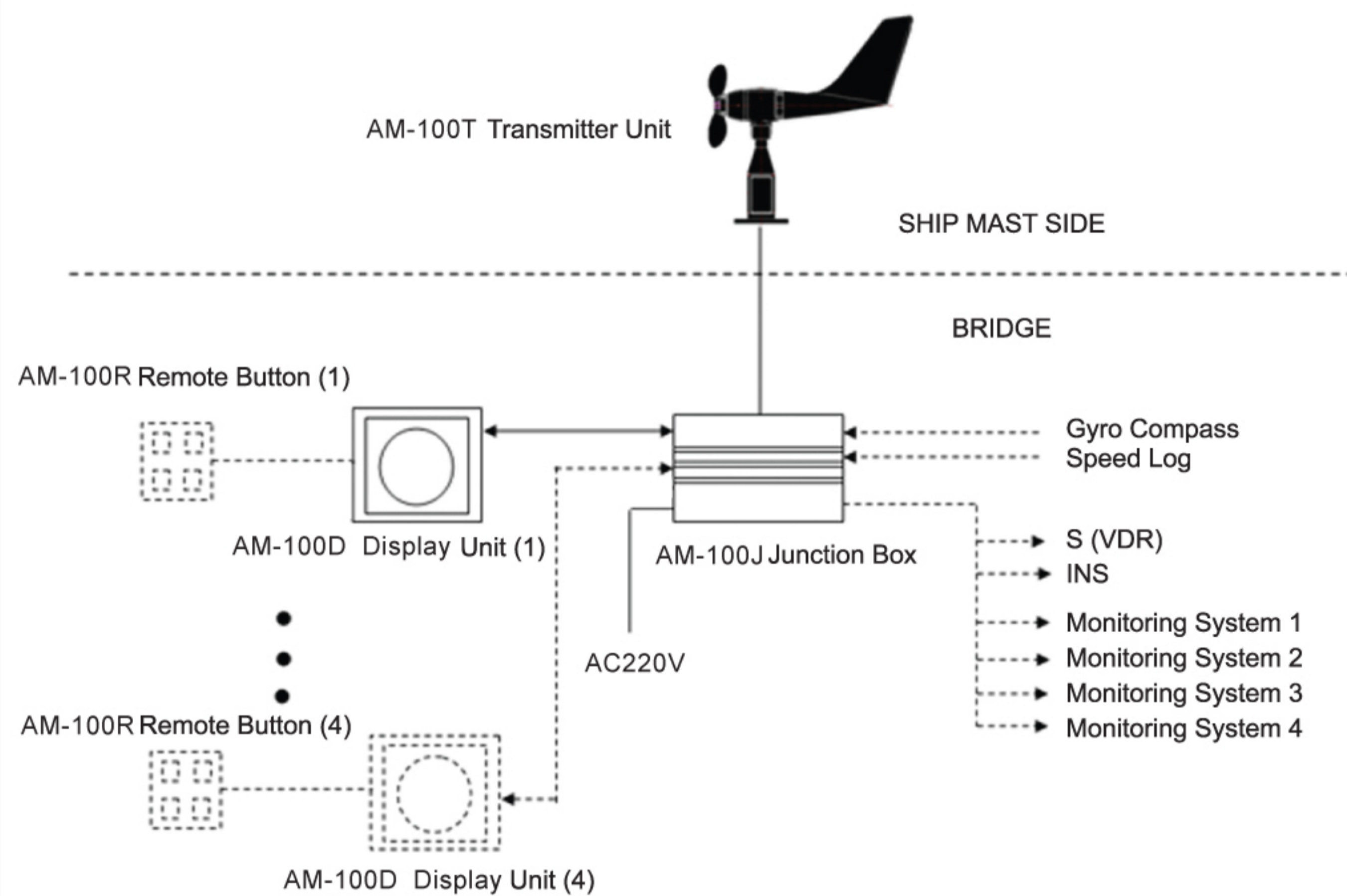
## SPECIFICATIONS

- Wind Range: Wind direction 0 ~ 360°  
Wind velocity 0 ~ 60 m/s
- Accuracy: Wind direction  $\pm 5^\circ$   
Wind velocity  $\pm (0.5 + V \times 5\%)$  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): 627 (H) × 605 (L) × 243 (propeller diameter) mm
- Weight (AM-100T): 4.0kg
- IP Grade: IP22 (Display Unit, Junction Box, Remote Button)  
IP66 (Transmitter)

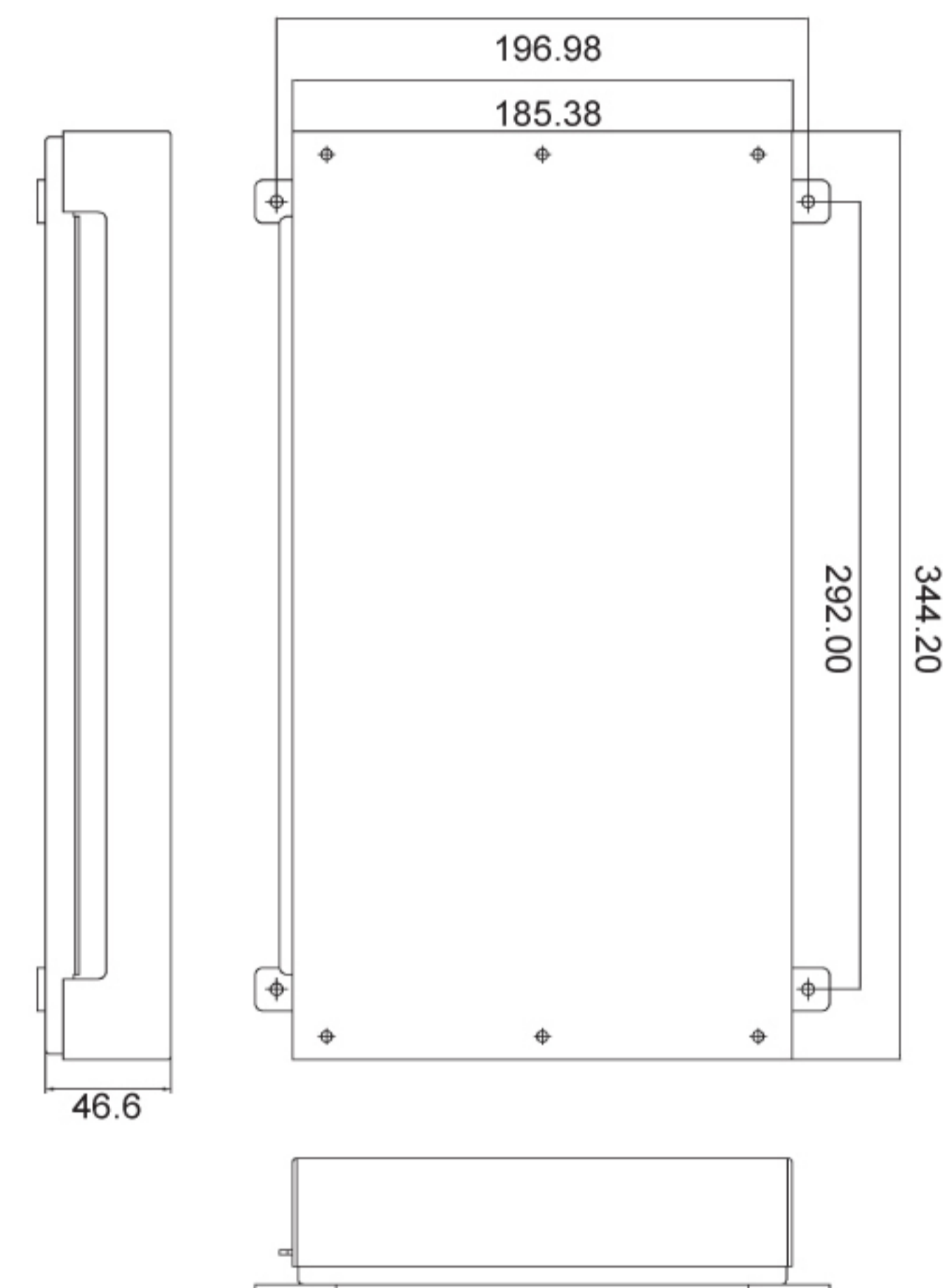
## EQUIPMENT LIST

- **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



## SIZE DIMENSION



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