ANEMOMETER

- 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

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): 627 (H)×605 (L)×243 (propeller diameter) mm
- Weight :   4.0 kg (Transmitter)
- IP Grade: IP22 (Display Unit, Junction Box)
                     IP66 (Transmitter, Remote Button)

EQUIPMENT LIST

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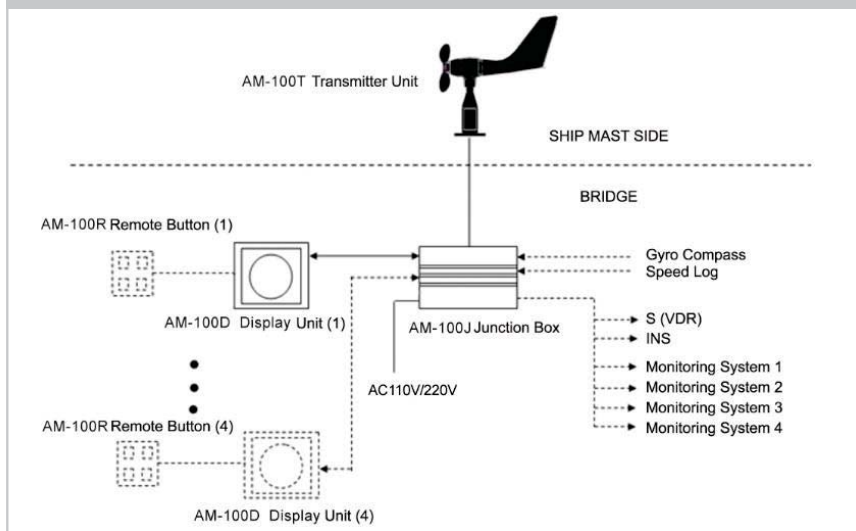- Transmitter Unit   AM-100T   1 pc
- Display Unit   AM-100D   1 pc
- Junction Box   AM-100J   1 pc
- Outdoor Cable   40 m   1 pc
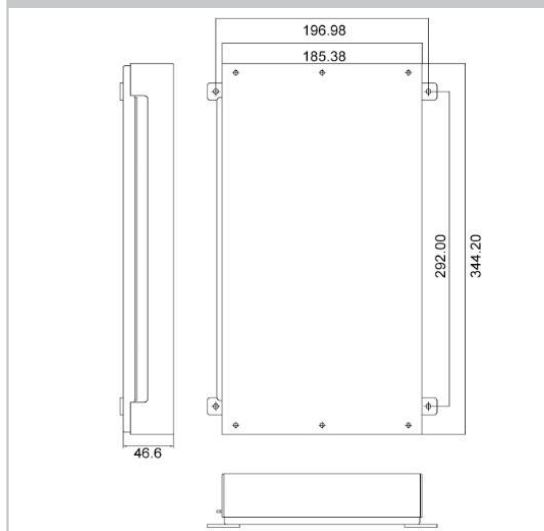- Indoor Cable   10 m   1 pc
- Installation Materials   1 set

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

SYSTEM DIAGRAM

SIZE DIMENSION

SIZE DIMENSION

※ *Specifications subject to change without notice*

NSR marine

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