

ONWA[®]

Model KW-360

Ultrasonic Wind Sensor

- Low-cost 2-axis ultrasonic wind sensor
- Solid-state – maintenance-free
- 0-60m/s wind speed
- 0-359° wind direction
- UV STABILISED ABS plastic
- NMEA Output
- SDI-12 V1.3 Compatible
- Low Power <2mA – standby



KW-360

SPECIFICATION OF KW-360

POWER INPUT

Voltage: DC9V to 36V

Power Supply: 40mA /12V

OUTPUT DATA (NMEA 0183 version 3)

interfaces: RS-232 or RS-422

Rate: 4800,9600,38400 Optional

Refresh rate: 1 Hz

Data Format: MWV

WIND SPEED

Range: 0 – 60m/s

Accuracy: $\pm 2\%$ (at 12m/s)

Resolution: 0.01 m/ss

WIND DIRECTION

Range: 0 – 359°

Accuracy: $\pm 3^\circ$ (at 12m/s)

Resolution: 1°

ENVIRONMENT

Moistureproof: IP65

Operating Temperature: $-20^\circ\text{C} \sim +60^\circ\text{C}$

Storage Temperature: $-40^\circ\text{C} \sim +80^\circ\text{C}$

Humidity: Work <5% to 100%

Electromagnetic compatibility: IEC60945

PHYSICAL

Size: 180X180X145.8 (L x W x H) mm

Weight: <0.5Kg

SIZE

