

FUW-DZP Series

SELF-POWERED ULTRASONIC WIND SENSOR

This UltraSonic Anemometer is powered by its own solar panel. It is well suited to remote installations where power consumption matters.

This unit connects directly to a pulse or potentiometer input. It is a useful product for professionals, integration to AWS (Autonomous Weather Station), and well-informed users.



EASY MOUNTING !

Specifications

Output data format	WA: 25KΩ, 5V max, WS: Pulse open collector 10 mA max
Information transmitted	Instant. W. Speed, Instant. W. Angle
Output rate	1 measure and update per second
Wind module sensitivity	0.12 m/s
Wind module resolution	0.05 m/s
Wind module dynamic	0.12 to 40 m/s
Direction sensitivity	+/-1.5°
Direction resolution	1°(9 bits)
Power supply	Photovoltaic Panel, Battery LIFEP04
Op. temp. without icing	-15° C to +55° C
Cable	5 m / 4x0.22 mm ² UV proof
Connection	RJ11
Mounting	Vertical ; 300 aluminium arm, Ø 16 mm