



## PRODUCT SHEET Wind and Wind Direction sensor



The anemometer includes both wind speed and direction sensors. Rugged components stand up to hurricane force winds, yet are sensitive in a light breeze. Simply connect to EIT data recorders with high quality snap in plugs

Product code	EIT WS – WD-D
Manufacturer	Davis Instruments, USA

General specifications when connected to EIT data loggers

Range		
Wind speed		0 – 100 KPH standard
Wind direction		0– 360 Deg 16 compass points
Recommended cable length		not greater than 5 meters
Construction		UV resistant ABS
Wind cups		Polycarbonate
Anemometer arm		Black anodized aluminium
Dimensions		89 mm * 83 mm * 38 mm )
Weight		0.737 kg )
Accuracy		
Wind speed		+/- 5 %
Wind direction		+/- 7 %
Resolution		
Wind speed		1 km / hr
Wind direction		1 Deg ( 22.5 Deg between compass points )
Sensor settling time		2 seconds
Wind direction sampling period		10 seconds
Sensor outputs		
Wind speed	0 – 100 KPH	0 to 1000 millivolts
Wind direction	0 – 360 Deg	0 to 1000 millivolts

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