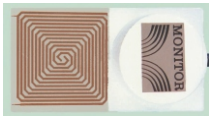


Meteorological Sensors



AN2/AN3 Anemometer 3 Cup

AN2 0.2 to 40 m/s
 Threshold 0.2 m/s
 AN3 0.5 to 50 m/s
 Threshold 0.5 m/s



LW1/RD1
LW1 Leaf Wetness
RD1 Rain Sensor
 Range: 0-100 %



BP1 Barometric Pressure
 Range: 800-1100 hpa
 Accuracy: ±2 hpa



SS4/SS6 Sensor Shelter
 SS4 3 x Sensors
 SS6 3 x Sensors



SS1 MINI SHELTER
 Single sensor use

STANDARD WEATHER STATION.

Add sensors as required from sensor list.



SENSORS

Choose from:

Temperature - Air,	Lightning strike
Soil, Leaf, Water,	Anemometer
Grass, Black Globe	Wind Direction
(Heat Stress)	Soil moisture
Relative humidity	Rain Gauge
Solar radiation	Leaf Wetness
Photosynthetic Rad	Rain sensor
Barometric pressure	Evaporation Pan



WD2/3/4 Wind Direction
 0-360 Degree (no deadband)
 Resolution 0.02 degree
 Accuracy <± 0.5 degree
 WD2 Angle
 WD3 Sine/Cosine
 WD4 Angle plus Sigma/Theta



SR2/PR1
Radiation Sensors
Solar:
 Res:400-950 nm
Photosynthetic:
 Res:400-700 nm
 Cosine corrected



PORTABLE STATION

Available in three models.
 MS1. AN2, WD2, HU1, TA1, SL5
 MS2. Option 1 plus RG(x)
 MS3. Option 2 plus TS1, BP1
 and choice of SM1, SR2 OR PR1



LS(x) Lightning Strike

Strike reception:
 LS1 0-5klms
 LS2 0-30klms
 LS3 0->50klms

SM1 SOIL MOISTURE SENSOR

Range: 0-1600 kPa.
 Resolution: Wet 0.1 kpa
 Dry 1 kpa
 Modified calibration curve to give excellent resolution across full range.

RG(x) Rain Gauge

Tipping Bucket type
 0.2 , 0.5 or 1 mm buckets
 Available as Pluviometer
 Use in conjunction with SI1 for µSmart capability.



HU1 Humidity
 Range: 0-100% RH
 Accuracy:
 ± 5% Standard
 ± 2% Special



TA1, TS1, TI1, TG1, TB1.
Temperature Sensor
 Air, Soil, Leaf ,
 Grass, Black Globe.
 -20°C to +60°C
 -20°C to +80°C optional
 Accuracy: ±0.1°C