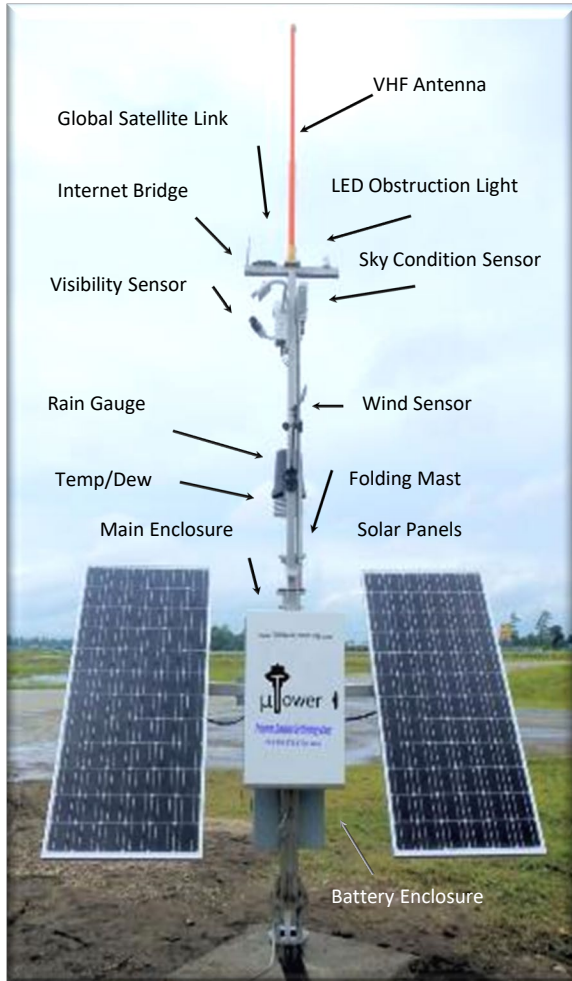


# Technical Sensor Specifications



Sensor	Range	Accuracy	Resolution
Wind Speed	2 to 150 mph 2-130 knots	+/- 2 mph +/- 2 knots	1 mph 1 knot
Wind Direction	0 to 360	1	1
Temperature	-50 to 140 F -45 to 60C	+/- 1F +/- 0.5C	1 or 0.1C
Humidity / Dewpoint	0-100% -99F – 140F -73C to 60C	+/- 2%	RH 1%
Rain Gauge Tipping bucket	Collection area 214 sqcm Daily 0.0 to 99 inches Daily 0.0mm to 9999mm	+/- 4% 0.01 to 2 in/hr +/- 5% 2 to 4 in/hr	0.01" 0.2mm
Sky condition / Precipitation	CLR FEW SCT BKN OVC (WET)	Clear High Mid Low (Wet)	VFR MVFR IFR LIFR (WET)
Pressure	-40F to 167F -40C to 75C 600 to 1100 hPa/mb -1000 to 13,800 ft	Zero Shift %FS/100°F 0.004 Span Shift %FS/100°F 0.002 Stability 0.005% FS, 24 hours 0.02% FS, 30 days 0.05% FS, 1 year	Altitude 1ft 4ft for 100 PSI range
Visibility	10m-75km (33 ft to 47 miles) -50°-60 °C (-58 to +140 °F)	+/- 2%	10m -75 km 33 ft to 47miles