

RiGETEK RGT-SQ02 Professional Solar Power WiFi Weather Station collects data related to the weather and environment using many different sensors.

Features:

- Indoor temperature and humidity
- Outdoor temperature and humidity
- Barometric pressure (not displayed on the receiver)
- Dew point, Wind chill, Wind speed, Wind direction.
- Weather forecast.
- Solar Power.
- Rainfall data (inch or mm):
(1 hour, 24 hours, week, month, and total).
- UV index, light mete.
- Solar Radiation.
- Time, time/week and calendar Display.
- Time alarm.
- Low power indication.
- Wall hanging or free standing.
- Display Size: 111x75mm.
- WIFI connection.
- Upload real time weather data to www.wunderground.com or www.weathercloud.net.



RGT-SQ02

Technical Specification:

Measurement	Range	Accuracy	Resolution
Indoor Temperature	0 to 60 °C	± 1 °C	0.1 °C
Outdoor Temperature	-40 to 60 °C	± 1 °C	0.1 °C
Indoor Humidity	10 to 99 %	± 5% (20% - 90%)	1 %
Outdoor Humidity	10 to 99%	± 5% (20% - 90%)	1 %
UV Index	1 to 15+	± 1	± 1
Light meter	0 to 200k lux	± 15%	± 15%
Rainfall	0 to 9999mm	<15mm:±1 mm, 15mm to 9999mm:±7%	<1000mm (0.3mm) >1000mm (1mm)
Wind Direction	0 - 360 °	± 10° (16 point compass)	± 1° (16 point compass)
Wind Speed	0 to 50 m/s	2m/s~10m/s: ±3m/s 10m/s~50m/s:±10%	0.1 m/s
Barometric Pressure (not displayed , only on website)	300 -1100 hpa	± 3 hpa	0.1 hpa

Transmission interval	16s
Transmission distance	100m in open area
Transmission frequency	433MHz
Max. transmission power	0.5mW
WIFI	802.11 b/g/n , 2.4GHz
WIFI transmission distance	20m
General Information	
Power supply	Receiver: 3 x AAA alkaline batteries Transmitter: 3 x AA alkaline batteries Power Adaptor: 5V/1A or 5.9V/0.5A
Product size	Receiver:135x26x96mm Transmitter:330x150x280
Product weight	Receiver:200g Transmitter : 1000g
Standard accessories	Receiver x 1 / Transmitterx1/ foot mounting x 1 / Mounting bracket x1/ Mounting pole x 1/ Mounting nuts (M3) x 2 / Mounting Nuts (M5) x4/ Tapping screws x4 / manual x / power adapter x 1

Ordering Information:

- RGT-SQ02: Professional Solar Power WiFi Weather Station.

