2365 NE Hopkins Court Pullman, WA 99163 Phone: 509-332-5600 support@decagon.com DECAGON.COM

Specifications

Cable Length: 3 m

Conversion Equation:

Range: 0 to 1,750 W m⁻² (0 - 350 mV)

by the Em50 logger to get solar radiation

Warranty: 1 year parts and labor

Dimensions: 2.4 cm diameter, 2.75 cm high



Installation and maintenance information on the back.

(Watts per square meter): $W m^{-2} = RAW * (1500/4096) * 5.0$

Logger Requirements: Em50 firmware 1.12 or newer

Use the following equation to convert the raw data recorded

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Conversion Equation:

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Solar Radiation Sensor Model PYR

Sensor Model PYR **Rolar Radiation**

Logger Requirements: Em50 firmware 1.12 or newer Warranty: 1 year parts and labor Dimensions: 2.4 cm diameter, 2.75 cm high (Vm 02E - 0) ²·m W 027, 1 of 0 :9gnsЯ Cable Length: 3 m Specifications

Installation and maintenance information on the back.

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Use the following equation to convert the raw data recorded

we measure the world

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DECAGON.COM mop.nogebeb@hoqqus Phone: 509-332-5600 F0100 AW , nsmllu9 2365 NE Hopkins Court

Model PYR

Sensor Model PYR **Solar Radiation**

Solar Radiation Sensor

we measure the world

 $W m^2 = RAW * (1500/4096) * 5.0$

Installation and maintenance information on the back.

Logger Requirements: Em50 firmware 1.12 or newer

Use the following equation to convert the raw data recorded by the Em50 logger to get solar radiation (Watts per square meter):

Range: 0 to 1,750 W m⁻² (0 - 350 mV)

Warranty: 1 year parts and labor

Dimensions: 2.4 cm diameter, 2.75 cm high

Specifications

Cable Length: 3 m

Conversion Equation:

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calibration services:

Apogee Instruments

Phone: 435-792-4700

apogeeinstruments.com

721 W 1800 N Logan, UT 84321

Decagon and Apogee recommend calibrating your PYR Solar Radiation Sensor every 1 to 2 years.

Please contact Apogee Instruments for information on their

Small changes in the level of the sensor can also cause errors. Make sure that the top of the domed sensor body is kept horizontal. Use the included leveling plate to ensure the sensor is level.

sensor. The domed top is self-cleaning, but measurement accuracy will be improved if the lens is wiped with a clean, soft cloth at frequent intervals.

Common Errors: The biggest error is often caused by dirt on the lens of the

The sensor should be mounted with the cable pointing toward the nearest magnetic pole. For example: in the Northern Hemisphere, point the cable toward the North Pole. In the Southern Hemisphere, point the cable toward the South Pole.

Installation:

South Pole. In the Southern Hemisphere, point the cable toward the Northern Hemisphere, point the cable toward the North Pole. toward the nearest magnetic pole. For example: in the The sensor should be mounted with the cable pointing installation:

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Radiation Sensor every 1 to 2 years. Decagon and Apogee recommend calibrating your PYR Solar

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Logan, UT 84321 721 W 1800 N Apogee Instruments

moo.etnemuntenieegoda Phone: 435-792-4700

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