



Solar Radiation Sensor Mounts

Sturdy platforms for solar radiation sensors

Rugged, Reliable, and Ready for any Application



These mounts provide a pyranometer, quantum sensor, or radiometer with a sturdy, level platform that is attached to a tripod or tower.

Some solar radiation sensors also require a leveling base that incorporate a bubble level and three adjusting screws for leveling the sensor.

MOUNTS

	Description	Compatible Sensors ^a	Mounts to
CM225 Solar Sensor Mounting Stand 	Consists of a rectangular plate, mounting bracket, and mounting hardware. Dimensions are 9 x 11 x 6 cm (4 x 5 x 3 in), and weight is 0.34 kg (0.75 lb).	CS300 ^b , LI200X ^b , LI200S ^b , LI190SB ^b , CMP3, CMP6 ^c , CMP11 ^c , CMP21 ^c , LP02, SP-LITE2, PQS1	<p>U-bolt in bottom holes CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm</p> <p>U-bolt in side holes tripod or tower mast or user-supplied pipe with 1 in. to 1.5 in. OD</p>
015ARM Solar Sensor Mounting Arm 	Consists of a square platform, mounting arm, and mounting hardware. Platform area is 15.2 x 15.2 cm (6.0 x 6.0 in), arm length is 106.7 cm (42.0 in), and weight is 2.5 kg (5.5 lb).	CS300 ^b , LI200X ^b , LI200S ^b , LI190SB ^b , CMP3, CMP6 ^c , CMP11 ^c , CMP21 ^c , LP02	tripod or tower mast or user-supplied pipe with 1 in. to 1.5 in. OD
18098 Eppley Solar Sensor Mounting Stand 	Consists of a rectangular plate, mounting bracket, and mounting hardware.	Eppley Solar Sensor	<p>U-bolt in bottom holes CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm</p> <p>U-bolt in side holes tripod or tower mast or user-supplied pipe with 1 in. to 1.5 in. OD</p>
CM255 Adjustable Angle, Mounting Stand 	Includes slots that can be adjusted to any angle from horizontal to vertical.	CS300 ^b , LI200X ^b , LI200S ^b , LI190SB ^b , CMP3, CMP6 ^c , CMP11 ^c , CMP21 ^c , LP02, SP-LITE2, PQS1 (not compatible with rotating shadowband radiometers (RSRs))	CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm, mast, or user-supplied pipe with a 1.0 in. to 2.1 in. OD
CM255LS Fully Adjustable Solar Sensor Mounting Stand with Leveling Screws 	Includes leveling screws that allow leveling in a horizontal position and then pivoting or tilting to the correct azimuth	CS300 ^b , LI200X ^b , LI200S ^b , LI190SB ^b , CMP3, CMP6 ^c , CMP11 ^c , CMP21 ^c , LP02, SP-LITE2, PQS1 (not compatible with RSRs)	CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm, mast, or user-supplied pipe with a 1.0 in. to 2.1 in. OD

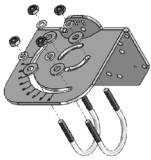


^aRetired sensors may also be compatible. Contact Campbell Scientific for more information.

^bA leveling base is required to mount the CS300, LI200X, LI200S, or LI190SB.



^cAssumes the CMP6, CMP11, and CMP21 are not housed in the CVF4 Heater/Ventilation Unit.



MOUNTS Continued

	<i>Description</i>	<i>Compatible Sensors^a</i>	<i>Mounts to</i>
27065 RSR Adjustable Angle, Mounting Stand 	Includes slots that can be adjusted to any angle from horizontal to vertical.	Typically used with RSRs, but can also be used with CS300 ^b , LI200X ^b , LI200S ^b , LI190SB ^b , CMP3, CMP6 ^c , CMP11 ^c , CMP21 ^c , LP02, SP-LITE2, PQS1	CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm, mast, or user-supplied pipe with a 1.0 in. to 2.1 in. OD
31153 CVF4 Mounting Stand 	Supports a pyranometer housed in a CVF4 Heater/Ventilation Unit	CMP6, CMP11, or CMP21 when housed in a CVF4 Heater/Ventilation Unit	CM220 bracket or 17953 NU-RAIL, which is then mounted to a crossarm, mast, or user-supplied pipe with a 1.0 in. to 1.5 in. OD
26120 Net-Radiation-Sensor Mounting Kit 	Includes adjustment screws to level the radiation sensor	CNR4, NR-LITE2	CM202, CM202SS, CM203, CM204, CM204SS, or CM206 crossarm, mast, or user-supplied pipe with a 1.0 in. to 2.1 in. OD

LEVELING BASES

	<i>Description</i>	<i>Compatible Sensors</i>	<i>Mounts to</i>
LI2003S Pyranometer Base and Leveling Fixture 	Uses a bubble level and three adjustable leveling screws to level the sensor in the horizontal plane. It weighs 91 g (0.2 lb), and has a 7.6 cm (3.0 in) diameter.	LI200X, LI200S, LI190SB	CM225, CM255, CM255LS, or 015ARM
18356 Leveling Base for CS300 Pyranometer 	Uses a bubble level and three adjustable leveling screws to level the sensor in the horizontal plane. It weighs 91 g (0.2 lb), and has a 7.6 cm (3.0 in) diameter.	CS300	CM225, CM255, CM255LS, or 015ARM

^aRetired sensors may also be compatible. Contact Campbell Scientific for more information.

^bA leveling base is required to mount the CS300, LI200X, LI200S, or LI190SB.

^cAssumes the CMP6, CMP11, and CMP21 are not housed in the CVF4 Heater/Ventilation Unit.