



Crossarms

Attach sensors and peripherals to our tripods and towers

*Rugged, Reliable, and Ready
for any Application*





Crossarms provide a rugged attachment point for securing meteorological sensors, antennas, and other peripherals to our tripods and towers. They place sensors a few feet away from the midline of the tower or tripod, thereby serving to reduce the effects of the mount on the sensor measurement.

The crossarms include the CM210 mounting bracket kit, which consists of a 304 stainless steel bracket, with stainless-steel U-bolts and

hardware. The CM210's U-bolts are used to attach the crossarm to a tripod mast, tower leg, or user-supplied vertical pipe. This mounting scheme allows the crossarms to be secured to the tripod or tower at the optimal height. Sensors or peripherals are mounted to the end of the crossarm using an appropriate mount (see General Mounts, Solar Radiation Mounts, and Solar Radiation Shields brochures).

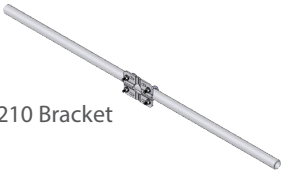


SPECIFICATIONS

	Weight	Dimensions	Crossarm Material	Attaches to	Compatible Mounts
CM202 Shortest Aluminum 2 ft Crossarm with CM210 Bracket 	1.04 kg (2.3 lb)	<u>Length</u> 0.6 m (2 ft) <u>Outer Diameter</u> 3.34 cm (1.315 in.)	1 in. IPS anodized aluminum pipe	vertical pipe with (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120
CM202SS Shortest Stainless Steel 2 ft Crossarm with CM210 Bracket 	1.8 kg (4 lb)	<u>Length</u> 0.6 m (2 ft) <u>Outer Diameter</u> 3.175 cm (1.25 in.)	stainless-steel pipe	tripod mast, tower leg*, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120
CM203 Aluminum 3 ft Crossarm with CM210 Bracket 	1.4 kg (3 lb)	<u>Length</u> 0.9 m (3 ft) <u>Outer Diameter</u> 3.34 cm (1.315 in.)	1 in. IPS anodized aluminum pipe	tripod mast, tower leg*, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120

More info: 780.454.2505

campbellsci.ca/tripod-and-tower-mounts



	Weight	Dimensions	Crossarm Material	Attaches to	Compatible Mounts
CM204 Aluminum 4 ft Crossarm with CM210 Bracket 	1.66 kg (3.65 lb)	<u>Length</u> 1.2 m (4 ft) <u>Outer Diameter</u> 3.34 cm (1.315 in.)	1 in. IPS anodized aluminum pipe	tripod mast, tower leg*, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120
CM204SS Longest Stainless Steel 4 ft Crossarm with CM210 Bracket 	2.8 kg (6 lb)	<u>Length</u> 1.2 m (4 ft) <u>Outer Diameter</u> 3.175 cm (1.25 in.)	stainless-steel pipe	tripod mast, tower leg*, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120
CM206 Longest Aluminum 6 ft Crossarm with CM210 Bracket 	2.27 kg (5.0 lb)	<u>Length</u> 1.8 m (6 ft) <u>Outer Diameter</u> 3.34 cm (1.315 in.)	1 in. IPS anodized aluminum pipe	tripod mast, tower leg*, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, 43502 <u>Solar Sensor Mounts</u> CM225, CM245, 26120
*An additional CM210 bracket can be ordered to secure the crossarm to two of the three vertical risers within the tower.					