



# Crossarms and Crossarm Accessories

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. 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).

The specifications for the CM210 and CMB200 are listed on page 2. One CM210 mounting bracket kit is included with each crossarm. The CM210 uses U-bolts to mount the crossarm to a mast, tower leg, or user-supplied vertical pipe. An additional CM210 can be purchased to secure the crossarm to two of the three vertical risers within the tower. The CMB200 is a brace that adds structural support to our crossarms.

## CROSSARM SPECIFICATIONS\*

	Weight	Dimensions	Material	Compatible Mounts
<p><b>CM202</b>   Shortest Aluminum 2 ft Crossarm with CM210 Bracket</p> 	1.04 kg (2.3 lb)	<p><u>Length</u> 0.6 m (2 ft)</p> <p><u>Outer Diameter</u> 3.34 cm (1.315 in)</p>	1 in. IPS anodized aluminum pipe	<p><u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 30626, 18098</p> <p><u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502</p> <p><u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120</p>
<p><b>CM202SS</b>   Shortest Stainless Steel 2 ft Crossarm with CM210 Bracket</p> 	1.8 kg (4 lb)	<p><u>Length</u> 0.6 m (2 ft)</p> <p><u>Outer Diameter</u> 3.175 cm (1.25 in)</p>	stainless-steel pipe	<p><u>General Mounts</u> CM220, CM230, CM230XL, CM235, 30626, 18098</p> <p><u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502</p> <p><u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120</p>
<p><b>CM203</b>   Aluminum 3 ft Crossarm with CM210 Bracket</p> 	1.4 kg (3 lb)	<p><u>Length</u> 0.9 m (3 ft)</p> <p><u>Outer Diameter</u> 3.34 cm (1.315 in)</p>	1 in. IPS anodized aluminum pipe	<p><u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 30626, 18098</p> <p><u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502</p> <p><u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120</p>



\* The tripods, towers, and vertical pipes that the crossarms can attach to are listed in the CM210 specifications on page 2.



## CROSSARM SPECIFICATIONS CONTINUED

		<i>Weight</i>	<i>Dimensions</i>	<i>Material</i>	<i>Compatible Mounts</i>
<b>CM204</b>   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	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 30626, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502 <u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120
<b>CM204SS</b>   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	<u>General Mounts</u> CM220, CM230, CM230XL, CM235, 30626, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502 <u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120
<b>CM206</b>   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	<u>General Mounts</u> CM220, 1049, 17953, CM230, CM230XL, CM235, 30626, 18098 <u>Radiation Shields</u> 41303-5A, 41003-5, 41005-5, RAD06, RAD10E, RAD10, RAD14, 43502 <u>Solar Sensor Mounts</u> CM225, CM255, CM255LS, 18098, 27065, 26120

## ACCESSORIES SPECIFICATIONS

		<i>Purpose</i>	<i>Size</i>	<i>Material</i>	<i>Attaches to</i>
<b>CM210</b>   Crossarm-to-Pole Bracket 		One CM210 is shipped with each of our crossarms to attach the crossarm to a tripod, tower, or mounting pole. A second CM210 can be purchased to secure the crossarm to two of the three vertical risers within a tower	<u>Weight</u> 0.66 kg (1.45 lb) <u>Dimensions</u> 10.2 x 12.07 x 0.64 cm (4 x 4.75 x 0.25 in)	304 stainless steel with stainless-steel U-bolts and hardware	tripod or tower mast, tower leg, or user-supplied vertical pipe (1.0 in. to 2.1 in. OD)
<b>CMB200</b>   Crossarm Brace Kit 		Adds structural support for a crossarm.	<u>Length</u> 0.9 m (2.8 ft) <u>Outer Diameter</u> 2.54 cm (1 in)	304 stainless-steel pipe with 304 stainless-steel brackets	<u>One End</u> CM200-series crossarm  <u>Other End</u> tripod or tower mast, tower leg, or user-supplied vertical pipe (1.0, 1.25, 1.31, or 1.9 in. OD)