



# CM305

## 47 in. Mounting Pole with Cap



### Overview

The CM305 is a 119 cm (47 in.), stainless-steel, 1.5-in. IPS vertical pole. It is designed for mounting sensors, enclosures, or other instruments, and is an ideal mount for remote sensors such as a tipping bucket rain gage or net radiometer. Our CS700, TB4, and 385 rain gages are typically mounted to the CM305 via the CM240 leveling base. This mounting pole can be embedded

directly into a concrete foundation or used with a pedestal kit. (See Ordering Info on the web page.)

**Note:** Grounding connections from the mounting pole to the system's main tripod/tower or to the ground are important to help protect the system and measurements. The parts to establish these grounding connections are not included with the mounting pole.

### Specifications

Material	Stainless-steel pipe 1.5 IPS
Outer Diameter	4.8 cm (1.9 in.)
Pipe Size	3.81 cm (1.5 in.) IPS
Length	119 cm (47 in.)
Weight	6.4 kg (14 lb)

- › 33 cm (13 in.) height and a 55 cm (22 in.) radius for Hole C
- › 36 cm (14 in.) height and a 51 cm (20 in.) radius for Hole B
- › 41 cm (16 in.) height and a 46 cm (18 in.) radius for Hole A
- › 11 cm (4 in.) height and a 66 cm (26 in.) radius for Hole F
- › 22 cm (9 in.) height and a 63 cm (25 in.) radius for Hole E

#### Short Leg Kit

Material	Stainless-steel tubing 1.5 OD
Leg Length	58 cm (23 in.)
Pedestal Height and Radius	<p>› <i>Note: The pedestal height is foot/ground to bottom of mast vertical distance, and it is adjustable to the following:</i></p> <p>› 27 cm (11 in.) height and a 59 cm (23 in.) radius for Hole D</p>

#### Long Leg Kit

Material	Stainless-steel tubing 1.5 OD
Leg Length	99 cm (39 in.)
Pedestal Height and Radius	<p>› <i>Note: The pedestal height is foot/ground to bottom of mast vertical distance, and it is adjustable to the following:</i></p>

- › 20 cm (8 in.) height and a 105 cm (41 in.) radius for Hole F
- › 41 cm (16 in.) height and a 97 cm (38 in.) radius for Hole E
- › 50 cm (20 in.) height and a 91 cm (36 in.) radius for Hole D
- › 59 cm (23 in.) height and a 85 cm (34 in.) radius for Hole C

- › 66 cm (26 in.) height and a 77 cm (30 in.) radius for Hole B
- › 73 cm (29 in.) height and a 69 cm (27 in.) radius for Hole A

### J-bolt Kit

J-bolt Material	Stainless steel
J-bolt Size	1/2-13 in. x 12 in.

For comprehensive details, visit: [www.campbellsci.com/cm305](http://www.campbellsci.com/cm305) 

