



## Compact Mast

for Campbell Scientific PWS100,  
CS120A, CS125 and  
CS140 Sensors

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[www.campbellsci.eu/osm1](http://www.campbellsci.eu/osm1)

CS120A installation on an OSM1 Optical Sensor Mount

### Installation and Maintenance

We offer a full site survey, installation and maintenance service for all our weather stations. Please contact us for further details.

### Benefits and Features

- › Low weight for easy erection combined with high strength for durability
- › Puts sample volume at 1.5 m in accordance with WMO Guide to Meteorological Instruments and Methods of Observation 2008, Chapter 9
- › Other masts are available including frangible masts for airport applications

### Overview

The OSM1 is a 1.37 m unguyed aluminium tower designed for permanent installation.

It is supplied with four mounting bolts suitable for fixing to an existing concrete base.

The top section will take either a PWS100 or CS125 with room for a RAD10 screen below.

### Specifications

<b>Material:</b>	Aluminium, powder coated white	<b>Weight:</b>	6.5 kg
<b>Height:</b>	1.37 m	<b>Shipping Size:</b>	2.24 x 0.23 x 0.21 m
<b>Dimensions:</b>		<b>Optional features:</b>	Grounding kit Lightning rod
Top section:	0.57 m long, 50.8 mm diameter		
Lower section:	0.80 m long, 76.2 mm diameter		

To find out more about the features and typical applications of Campbell Scientific Optical sensors please refer to our PWS100 and CS120A/CS125 brochures.