



## Overview

The CM256 adjustable-angle, adjustable-plane mounting stand further simplifies the accurate and precise mounting of a pyranometer, ventilation unit, shadowband radiometer, or reference cell. Several pyranometer mounting stands have been combined and simplified to make ordering easier and usability friendlier. The CM256 is a combination of the CM255LS pyranometer mount, CM245 reference cell and shadowband mount, 31394 VU01 mount, and 31153 CVF4 mount. In addition, several new sensors are now fully supported such as the SPN1, MS-80(M), SR30, SR05, and IMT reference cell CM325.

The process of securely mounting and accurately leveling a pyranometer, ventilation unit, SPN1, or reference cell to a mounting bracket has traditionally been very difficult. The balance between tightly securing the sensor to the mounting

bracket while perfectly leveling the sensor requires great time, skill, and fortitude. Without a secure fit, the sensor's position will shift, and the sensor's levelness will potentially be lost. The process is made even more difficult when the sensor is to be mounted on a tilt to enable plane of array measurements. It is nearly impossible to assure the sensor is both level to the plane and in the perfect azimuth. The CM256 solves both problems.

With the design of the CM256, the installation technician can now securely bolt the sensor to the mount. Then, using the sensor's bubble level as a reference, the technician levels the plane of the mount by adjusting the built-in leveling bolts. Next, because of the overlapping design between the two components of the bracket, as the mount is pivoted, or tilted, the correct azimuth is maintained—assuming the crossarm is properly installed with a north-south orientation.

## Specifications

Base Dimensions	15.2 x 12.0 x 11.4 cm (6.0 x 4.7 x 4.5 in.)
Dimensions	24.13 x 15.24 x 15.75 cm (9.5 x 6 x 6.2 in.)

Base Weight	0.7 kg (1.5 lb)
Weight	0.91 kg (2 lb)

For comprehensive details, visit: [www.campbellsci.com/cm256](http://www.campbellsci.com/cm256) 