



Ceilometers

Cloud base sensors



Campbell Scientific offers ceilometers that use lidar (light detection and ranging) technology to measure cloud height, vertical visibility, and mixing layer height. While they are best known for their use in aircraft operations at airports and oil platform helipads, ceilometers are also used by meteorologists for boundary layer research and air-quality applications.

		Reporting Range	Cloud Layers Reported	Temperature Range	Power Source
<p>SkyVUEPRO LIDAR Ceilometer</p> <p>Popular</p> 		Instrument Performance: 0 to 10 km (0 to 33,000 ft)	Instrument Performance: Up to four layers	<ul style="list-style-type: none"> ➤ Environmental Specification: -20° to +50°C (-4° to +122°F) with standard battery ➤ Environmental Specification: -40° to +60°C (-40° to +140°F) excluding battery 	Electrical Specification: 110, 115, 230 Vac ±10%, 50 to 60 Hz, 470 W maximum
<p>SkyVUE8 LIDAR Ceilometer</p> <p>Popular</p> 		Instrument Performance: 0 to 8 km (0 to 26,250 ft)	Instrument Performance: Up to four layers	Environmental Specification: -40° to +60°C (-40° to +140°F) excluding battery	<ul style="list-style-type: none"> ➤ Electrical Specification: AC power source ➤ Electrical Specification: 115/230 Vac ±15% (auto switching), 50 to 60 Hz Power drain from 230 V is 15 W minimum, up to 380 W with all the heaters on. (Optional current limited mode: 250 W max.)

SkyVUE8M
Tactical LIDAR
Ceilometer

Popular



	<i>Reporting Range</i>	<i>Cloud Layers Reported</i>	<i>Temperature Range</i>	<i>Power Source</i>
	Instrument Performance: 0 to 8 km (0 to 26,250 ft)	Instrument Performance: Up to four layers (up to five layers in Sky Condition)	Environmental Specification: -40° to +60°C (-40° to +140°F)	<ul style="list-style-type: none"> ▶ Electrical Specification: 10 to 40 Vdc, current drain 9 A at 12 Vdc, 4.5 A at 24 Vdc ▶ Electrical Specification: DC power source only

For comprehensive details, visit: www.campbellsci.com/ceilometers 



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