

Open Path Eddy Covariance System With IRGASON or EC150/CSAT3A Quick Deploy Guide



December 2015

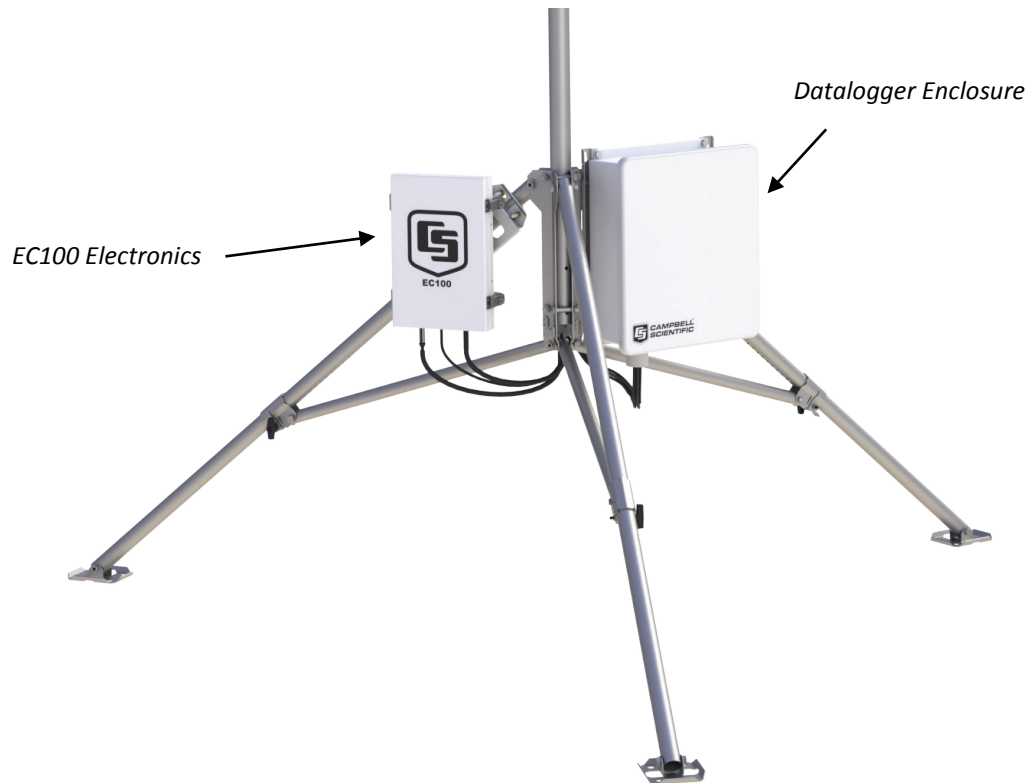


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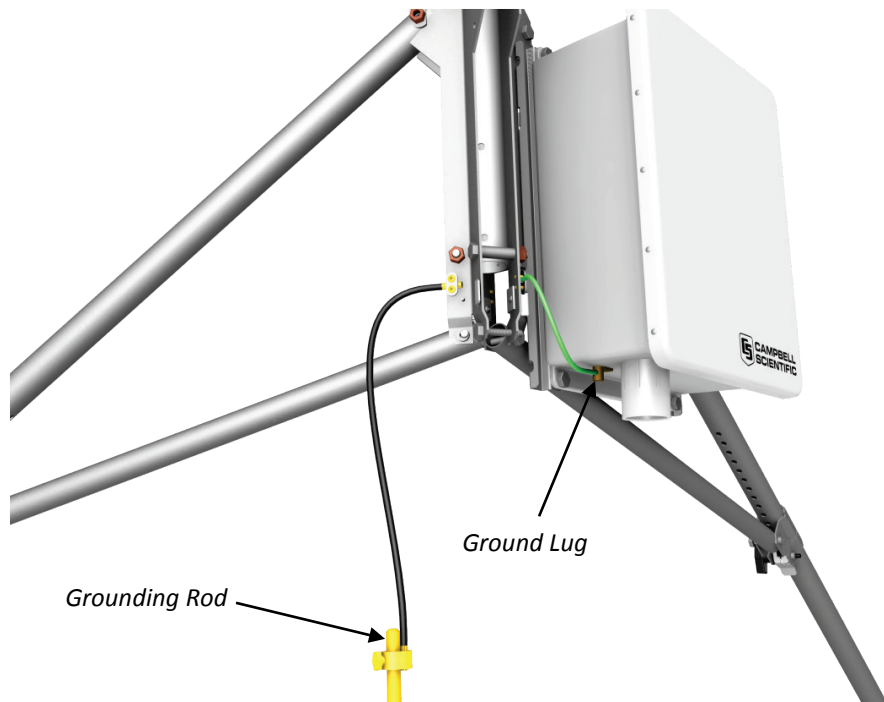
WHEN MEASUREMENTS MATTER



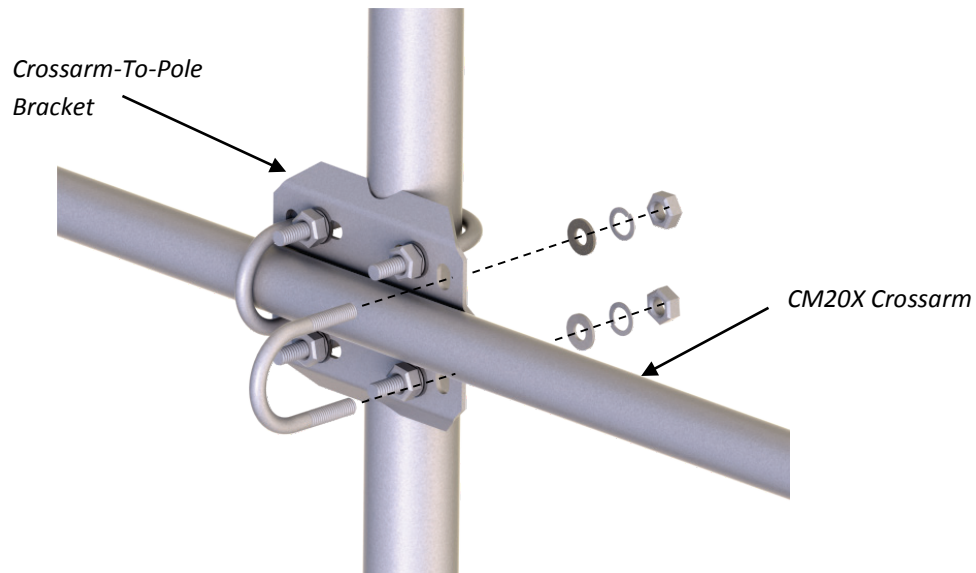
1. Setup tripod and mount enclosures.



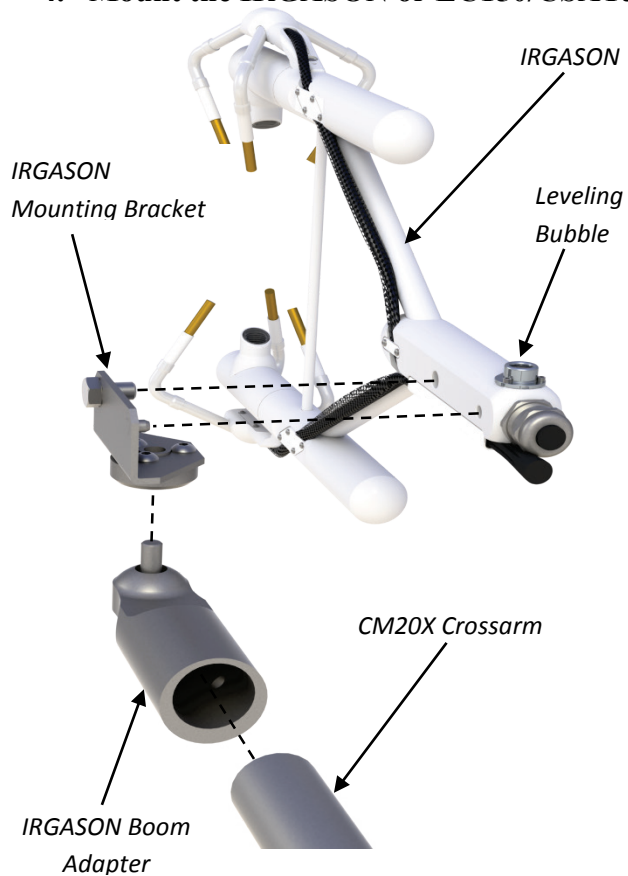
2. Ground tripod and enclosures.



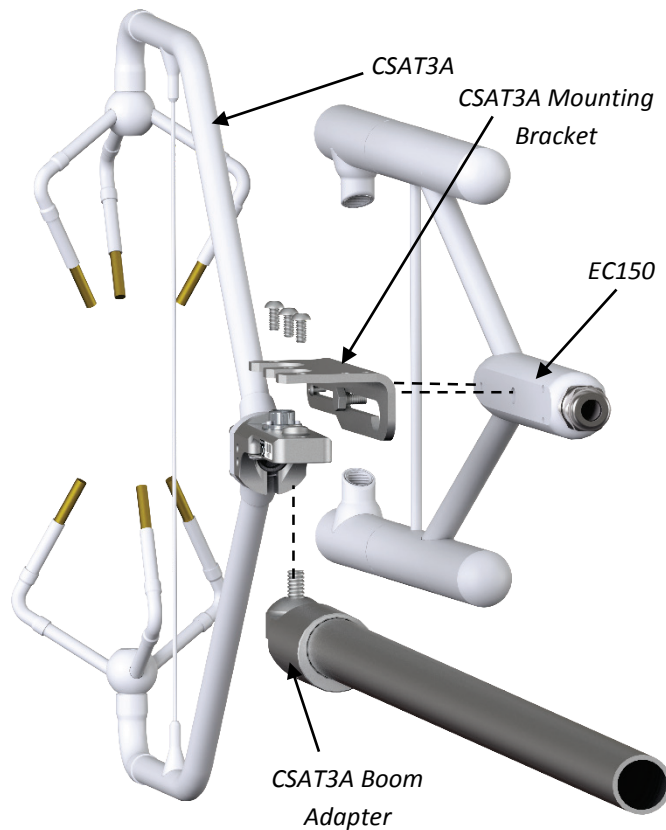
3. Setup tripod or mast with CM20X Crossarm.



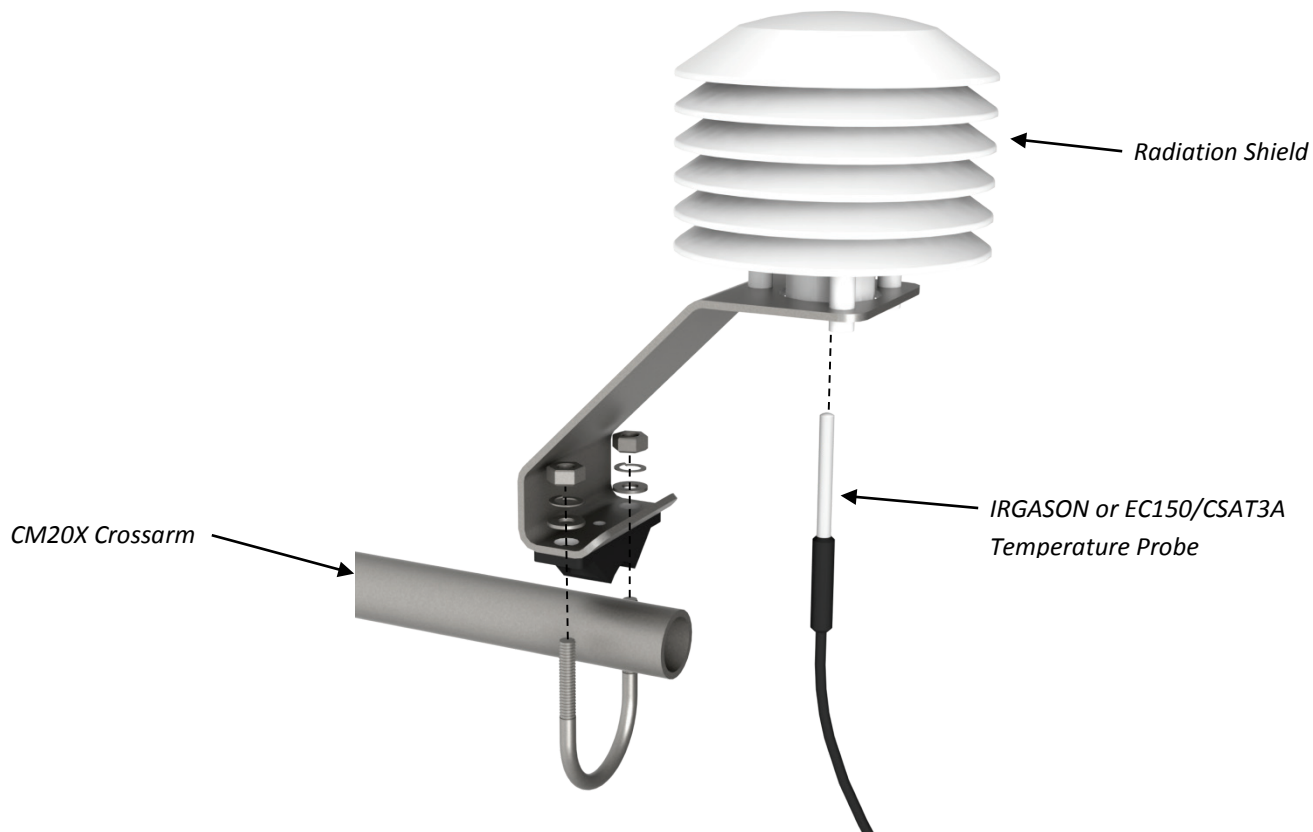
4. Mount the IRGASON or EC150/CSAT3A and point into the prevailing wind.



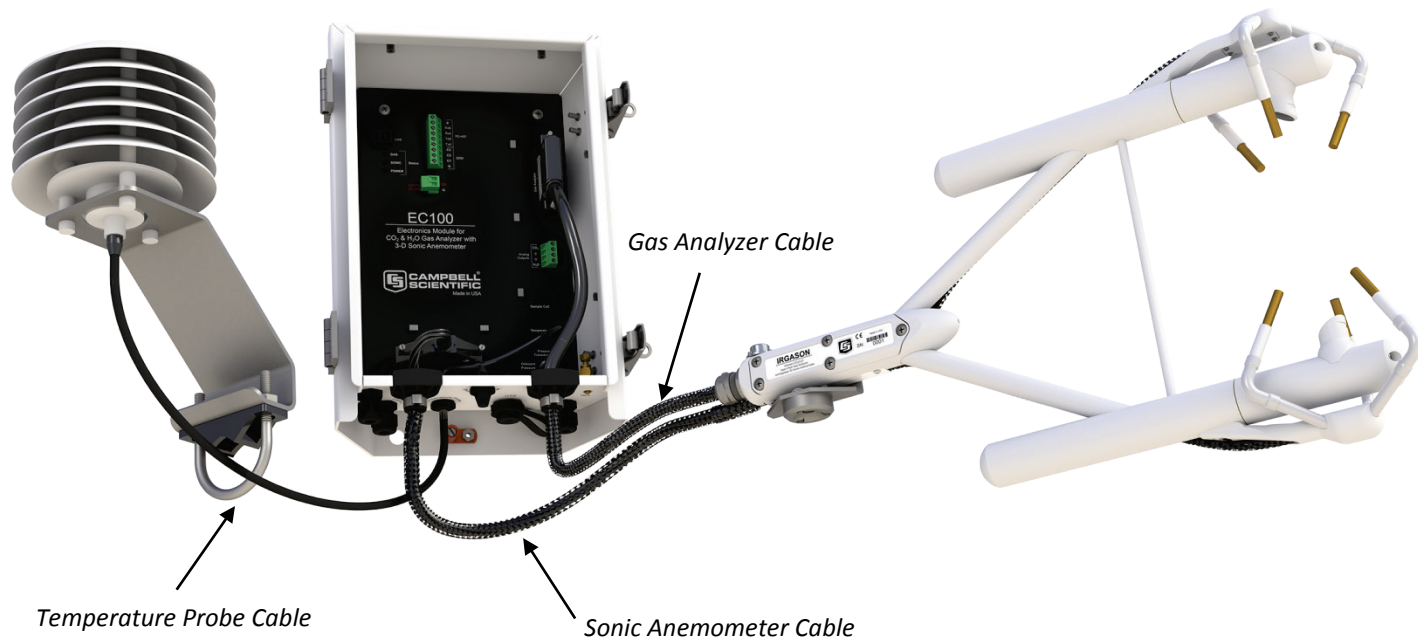
OR



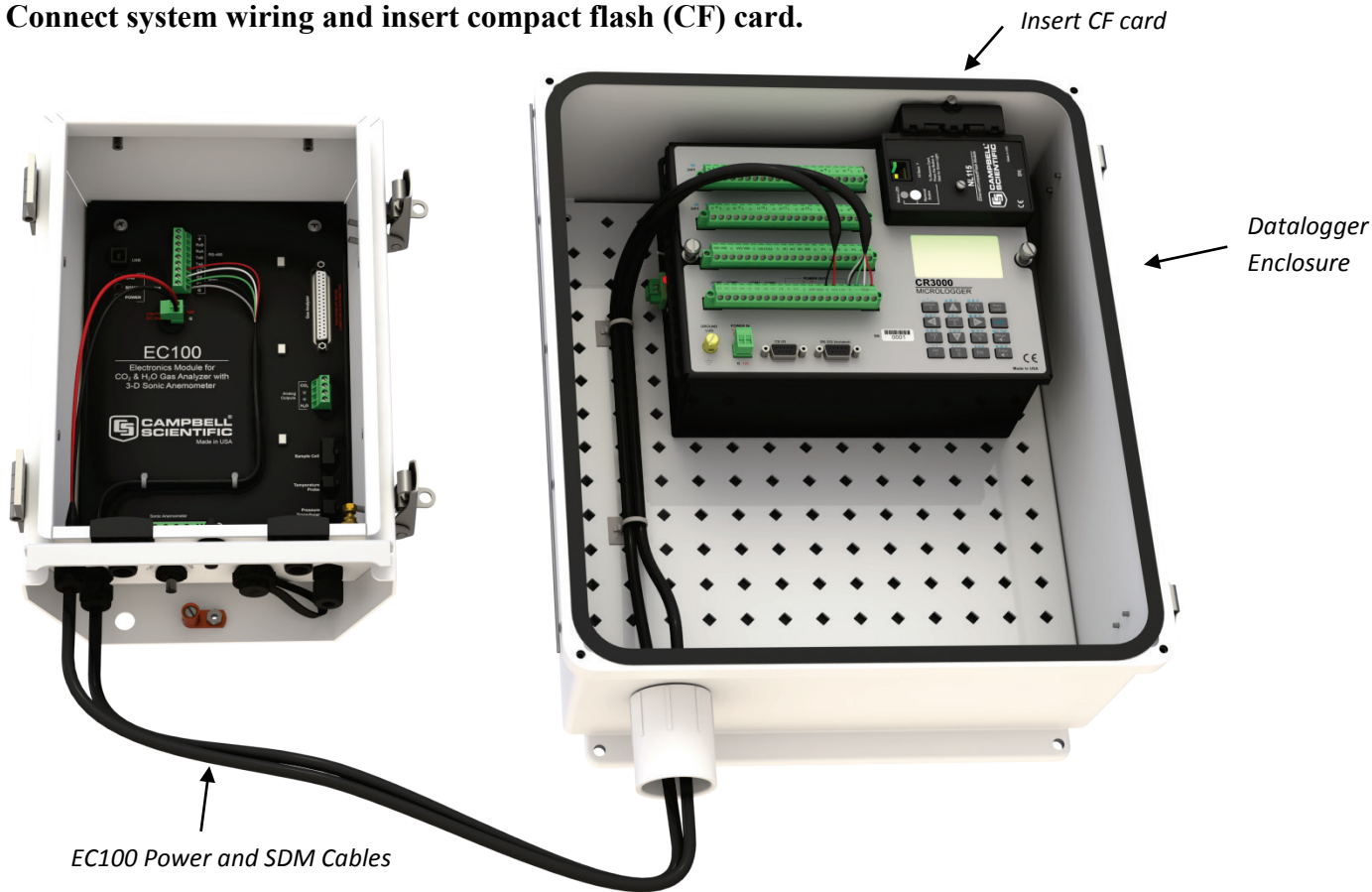
5. Mount the radiation shield and IRGASON or EC150/CSAT3A Temperature Probe.



6. Connect gas analyzer, sonic anemometer, and temperature probe cables to EC100 Electronics.



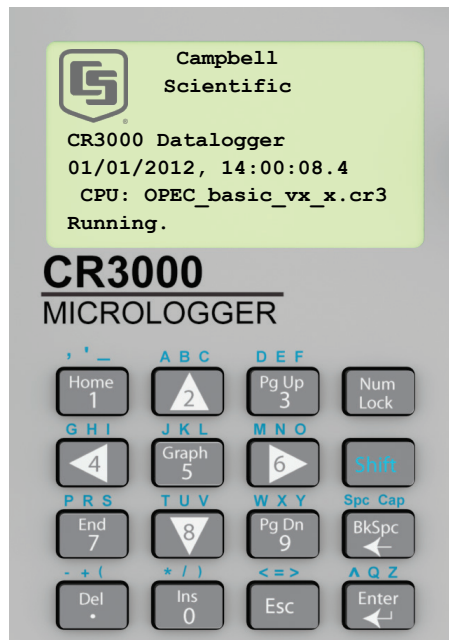
7. Connect system wiring and insert compact flash (CF) card.



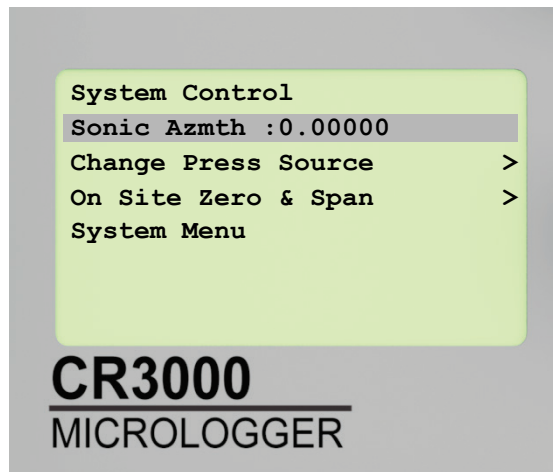
8. **Turn on the power supply and use the datalogger keyboard display to set settings.** (Follow the steps from left to right, top to bottom).

Press <Esc> to activate the display.

Press <Enter> to display the System Control Menu.



Select "Sonic Azmth".



Enter in the azimuth (the angle in degrees between true north and the direction the IRGASON or EC150/CSAT3A points), and press <ENTER>.

```
Modify Value          NUM
Sonic Azmth
Current Value:
      0.00000
New Value:
      150■
```

CR3000

MICROLOGGER

Press <Esc> to exit.



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```
CR3000 Datalogger
01/01/2012, 14:00:08.4
CPU: OPEC_basic_vx_x.cr3
Running.
```

CR3000

MICROLOGGER



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WHEN MEASUREMENTS MATTER

Please visit www.campbellsci.com to obtain contact information for your local US or International representative.