

Sensor and Peripheral Compatibility Table

DEVICE	CR300-Series	CR800/CR850	CR6	CR1000X	CR3000	CR9000X
SENSORS						
Anemometers (cup or propeller)	✓	✓	✓	✓	✓	✓
Anemometers (2-D sonic)	✓	✓	✓	✓	✓	
Anemometers (3-D sonic)	✓	✓	✓	✓	✓	✓
Barometers	✓	✓	✓	✓	✓	✓
Ceilometers	✓	✓	✓	✓	✓	
GPS	✓	✓	✓	✓	✓	see note 2
Present Weather	✓	✓	✓	✓	✓	✓
Pyranometers	✓	✓	✓	✓	✓	✓
Reflectometers	✓	✓	✓	✓	✓	
Relative humidity	✓	✓	✓	✓	✓	✓
Shaft encoders	✓	✓	✓	✓	✓	✓
Strain gages	✓	✓	✓	✓	✓	✓
Tipping buckets	✓	✓	✓	✓	✓	✓
Thermistors	✓	✓	✓	✓	✓	✓
Thermocouples	✓	✓	✓	✓	✓	✓
Vibrating wire		✓	✓	✓	✓	
Visibility	✓	✓	✓	✓	✓	✓
Wind Vanes	✓	✓	✓	✓	✓	✓
COMMUNICATIONS PERIPHERALS						
MicroSD			✓	✓		
CompactFlash®					✓	✓
Direct Connect	✓	✓	✓	✓	✓	✓
Ethernet	✓	✓	✓	✓	✓	✓
Multidrop Modems	✓	✓	✓	✓	✓	
PCMCIA Cards (type I, II, or III)						✓
Phone Modems (cellular)	✓	✓	✓	✓	✓	see note 3
Phone Modems (land-line)		✓	✓	✓	✓	see note 3
Radios (narrowband UHF/VHF)	✓	✓	✓	✓	✓	
Radios (spread spectrum/SRD860)	✓	✓	✓	✓	✓	see note 3
Satellite Transmitters (GOES)	✓	✓	✓	✓	✓	
Satellite Transmitters (Argos)	✓	✓	✓	✓	✓	
Satellite Transmitters (Iridium)	✓	✓	✓	✓	✓	
Short-Haul Modems		✓	✓	✓	✓	see note 3
MEASUREMENT AND CONTROL PERIPHERALS (see note 4)						
Multiplexers	see note 5	✓	✓	✓	✓	✓
SDM Devices		✓	✓	✓	✓	✓
CDM Devices (see note 6)		✓	✓	✓	✓	

Notes:

- To determine compatibility with devices not offered by Campbell Scientific or devices not listed on this chart, refer to the device's product brochure or manual, or contact Campbell Scientific.
- Contact Campbell Scientific about configuration requirements for using the CR9000X with our GPS sensor.
- Although compatible, phone modems, spread spectrum radios, and short haul modems do not support the CR9000X's maximum communication rate.
- Measurement and control devices typically used with the CR9000X are the AM25T and SDM-CAN. Although compatible, the AM16/32B, SDM-CD16AC, and SDM-CVO4 do not support the CR9000X's maximum communication rate and are not practical for most CR9000X applications.
- Early CR300-series operating systems did not support multiplexers.
- Our CR6 and CR1000X dataloggers support CDMs natively through their CPI port. The CR800, CR850, and CR3000 must use an SC-CPI interface.



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