

# Datalogger Compatibility Table

DEVICE	CR200-series	CR800/CR850	CR10X	CR1000	CR3000	CR5000	CR7	CR9000X
<b>Sensors</b>								
Anemometers (cup or propeller)	✓	✓	✓	✓	✓	✓	✓	✓
Anemometers (2-D sonic)	✓	✓	✓	✓	✓	✓		
Anemometers (3-D sonic)		✓	✓	✓	✓	✓		✓
Barometers	✓	✓	✓	✓	✓	✓	✓	✓
GPS (see note 2)		✓	✓	✓	✓	✓		✓
Pyranometers	CS300 only	✓	✓	✓	✓	✓	✓	✓
Reflectometers	CS625 only	✓	✓	✓	✓	✓		
Relative humidity	✓	✓	✓	✓	✓	✓	✓	✓
SDI-12	✓	✓	✓	✓	✓	✓		
Shaft encoders	✓	✓	✓	✓	✓	✓	✓	✓
Strain gages	SDI-12 gages only	✓	✓	✓	✓	✓	✓	✓
Tipping buckets	✓	✓	✓	✓	✓	✓	✓	✓
Thermistors	109 only	✓	✓	✓	✓	✓	✓	✓
Thermocouples		✓	✓	✓	✓	✓	✓	✓
Vibrating wire		✓	✓	✓	✓	✓		
Wind vanes	✓	✓	✓	✓	✓	✓	✓	✓
<b>Communications Peripherals</b>								
CompactFlash®				✓	✓	✓		✓
Direct connect	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet	✓	✓	✓	✓	✓	✓	✓	✓
Multidrop modems	✓	✓	✓	✓	✓	✓	✓	
PCMCIA cards (type I, II, or III)						✓		✓
PDA's (see note 3)	✓		✓	✓	✓		✓	
Phone modems (cellular)	✓	✓	✓	✓	✓	✓	✓	see note 4
Phone modems (land-line)		✓	✓	✓	✓	✓	✓	see note 4
Radios (narrow-band UHF/VHF)		✓	✓	✓	✓		✓	
Radios (spread spectrum)	✓	✓	✓	✓	✓	✓	✓	see note 4
Satellite transmitters (Argos)		✓		✓	✓			
Satellite transmitters (GOES)	CR295 only	✓	✓	✓	✓	✓		
Storage modules (Flash; see note 5)			✓				✓	
Short-haul modems		✓	✓	✓	✓	✓	✓	see note 4
<b>Measurement and Control Peripherals</b>								
Multiplexers		✓	✓	✓	✓	✓	✓	see note 6
SDM 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 literature or manual, or contact a Campbell Scientific applications engineer.
  - Connecting the GPS sensor to our dataloggers may require an interface; see our GPS sensor's product literature for more information.
  - PDA's with a Palm OS require PConnect software; PDA's with a Pocket PC OS require PConnectCE software.
  - Although compatible, phone modems, spread spectrum radios, and short haul modems do not support the CR9000X's maximum communication rate.
  - The datalogger must use the mixed-array storage format to be compatible with our Flash storage modules (e.g., SM4M, SM16M).
  - Measurement and control devices typically used with the CR9000X are the AM25T multiplexer, SDM-CAN, SDM-INT8, and SDM-SIO4. Although compatible, the AM16/32 multiplexer, SDM-CD16AC, and SDM-CVO4 do not support the CR9000X's maximum communication rate.