

Sensor & Peripheral Compatibility Table

Device	CR200X-series	CR800/CR850	CR1000	CR3000	CR5000	CR9000X
<i>Sensors</i>						
Anemometers (cup or propeller)	X	X	X	X	X	X
Anemometers (2-D sonic)	see note 2	X	X	X	see note 2	
Anemometers (3-D sonic)		X	X	X	X	X
Barometers	X	X	X	X	X	X
GPS		X	X	X	see note 3	see note 3
Pyranometers	CS300 only	X	X	X	X	X
Reflectometers	CS625 only	X	X	X	X	
Relative humidity	X	X	X	X	X	X
Shaft encoders	X	X	X	X	X	X
Strain gages	SDI-12 gages only	X	X	X	X	X
Tipping buckets	X	X	X	X	X	X
Thermistors	109 & 1095S only	X	X	X	X	X
Thermocouples		X	X	X	X	X
Vibrating wire		X	X	X	X	
Wind vanes	X	X	X	X	X	X

<i>Communications Peripherals</i>						
CompactFlash®			X	X	X	X
Direct connect	X	X	X	X	X	X
Ethernet	X	X	X	X	X	X
Multidrop modems	X	X	X	X	X	X
PCMCIA cards (type I, II, or III)					X	X
PDA's (see note 4)	X	X	X	X		
Phone modems (cellular)	X	X	X	X	X	see note 5
Phone modems (land-line)		X	X	X	X	see note 5
Radios (narrow-band UHF/VHF)		X	X	X		
Radios (spread spectrum)	X	X	X	X	X	see note 5
Satellite transmitters (GOES)	CR295X only	X	X	X	X	
Short-haul modems		X	X	X	X	see note 5

<i>Measurement and Control Peripherals</i>						
Multiplexers		X	X	X	X	see note 6
SDM devices		X	X	X	X	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.
- Our CR200X-series and CR5000 dataloggers are only compatible with the 2-D sonic anemometer that outputs an SDI-12 signal (the WindSonic4). Although the WindSonic4 is not listed on our price lists, it may be purchased from Campbell Scientific.
- Contact Campbell Scientific about configuration requirements for using these dataloggers with our GPS sensor.
- User-supplied PDA's with a Palm OS require PConnect software; user-supplied PDA's with a Windows Pocket PC/Windows Mobile OS require PConnectCE software.
- 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 multiplexer, SDM-CAN, SDM-INT8, and SDM-SIO4. Although compatible, the AM16/32B multiplexer, SDM-CD16AC, and SDM-CVO4 do not support the CR9000X's maximum communication rate and are not practical for most CR9000X applications.

