# 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:
1. 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.
2. Contact Campbell Scientific about configuration requirements for using the CR9000X with our GPS sensor.
3. Although compatible, phone modems, spread spectrum radios, and short haul modems do not support the CR9000X's maximum communication rate.
4. 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.
5. Early CR300-series operating systems did not support multiplexers.
6. Our CR6 and CR1000X dataloggers support CDMs natively through their CPI port. The CR800, CR850, and CR3000 must use an SC-CPI interface.