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Instrument Expert
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PRODUCT COMPARISON

CR1000X VS CR1000Xe
Measurement and Control Dataloggers

CR1000X Features	CR1000Xe Features	Benefits
RS-232/RS-485 capabilities on C5–C8	RS-232/RS-485 capabilities on C1–C8	Future-proofs your system with additional digital sensor support
Input power supply voltage: 10V to 18V	Input power supply voltage: 10V to 36V	No extra cost requirements for additional power supplies, such as 24V, in systems that require higher power
12V, SW12-1, SW12-2 provide 12V power directly from the battery; 12V outputs allow up to ~1A per channel, up to 3A per system	12V, SW12-1, SW12-2 provide regulated 12 Vdc power; 12V outputs allow up to 2A per channel at 3.5A per system	Guaranteeing 12V output to power sensors and peripherals even when a 24V power supply is used
12V power over CS I/O via battery for simpler wiring of CS measurement peripherals and radios	12V power now regulated and controllable via SW12 capability through CS I/O port	Allows for a hard power reset on external CS modems without the requirement for an inline device, negating extra site visits and reducing costs
Micro-USB device port	USB-C device port	Provides standardized USB-C physical interface in compliance with EU directives
Remote communications and data collection rely on standard telemetry (cellular, satellite, direct) and legacy software	Cloud-enabled IOT device through MQTT; includes enhanced security measures in default device settings (secure by default)	Takes advantage of station, network, and data management with CampbellCloud™ plus additional security measures out of the box
Fully CE compliant for surge and ESD protection	Enhanced ESD and surge protection on Ethernet port	Added protection
Robust mechanical and electrical product design for long-term environmental monitoring station use	Upgraded with SS connectors between main board and wiring panel; gold dipped pins on RJ45 connector	Reliable performance for data logger deployments in the harshest of environmental conditions

For comprehensive details, **visit: www.campbellsci.com/cr1000xe.**