



RainWise CC-3000 Data Logger & Computer Interface

Product Images



Short Description

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Description

The CC-3000 is RainWise's next generation data logger and computer interface. Connectivity, storage capacity and features have all been enhanced.

The CC-3000 replaces the CC-2000 and MKIIICC interface.

Please be sure to select the model that matches your weather station.

Long range versions support LR weather stations only.

Additional Information

Country of Manufacture	United States
Explanation	<p>Features: · Fast USB 2.0 interface (RS-232 version available). · 2 MB of flash memory. · NiMH battery backup. · Inside Temperature. · Advanced hi-speed processor. · Integrated radio receiver. · Software updates through your computer. · Now supports both English and metric units. · New command protocol · Daylight savings support. · Expansion port. · Free software.</p> <p>Free Software: Each CC-3000 is shipped with a free version of Weatherview32 V8 Home Edition. Upgrades are available. Weathersnoop software for Mac is sold separately.</p> <p>Integrated Radio Receiver: Unlike the previous interface, the LR radio receiver is build right into the unit. This means less wires and a cleaner desk. A power cable and USB cable are all that are required. The new switching power supply is smaller and more efficient.</p> <p>Fast USB or RS-232: The CC-3000 is normally shipped with a USB interface. An RS-232 version is available for applications that require serial connections like cellular and satellite modems. The baud rate has been boosted from 9600 to 115,200. Even with extra memory download times are dramatically reduced. USB drivers are provided for Windows, Mac and Linux.</p> <p>Flash Memory: Memory has been increased from 32K to 2MB. The 32K was RAM based which meant if you lost power you lost your data. This is not the case with flash, your data is non-volatile and will not be destroyed when power is lost. The data stored in memory is compressed so the 2MB will allow for long intervals between downloads. With a 49834 record capacity the CC-3000 will log for over 11 months at a 10 minute logging interval. The capacity will vary depending selected sensors. A base record is 42 bytes in length.</p> <p>NiMH Battery Backup: The CC-3000 now uses NiMH battery backup. These batteries are much easier to get than NiCAD and have substantially more capacity. Fully charged batteries will keep the CC-3000 running for more than 24 hours. The new case includes a battery compartment which makes installing the four batteries very easy.</p> <p>Inside Temperature: A thermistor based temperature sensor is built into the interface. This provides inside temperature which can be very useful for freeze alarms in vacation homes.</p> <p>High Speed Processor: The performance of the primary processor has been increased while also reducing power consumption. The increased performance allows for faster communications and more features.</p> <p>Software Updates: The new CPU can be reprogrammed via the USB or RS-232 interface. This means that updates can be quickly and easily applied by the user. This also allows for multiple software programs that use the same hardware. Rainwise can now offer custom software designed for specific tasks. Contact us if you have a specific requirement.</p> <p>English and Metric Units: The original interface was only available in English units. Metric was achieved by having a PC application convert the data. The CC-3000 has user selectable units.</p> <p>New Command Protocol: The new command protocol was designed to offer greater flexibility, be more user friendly and easier for software developers to use. The full protocol and command list are supplied are available in the CC-3000 instruction manual.</p> <p>Daylight Savings: Daylight savings is now supported. The dates, times and shift are user selectable. This allows the CC-3000 to be used in any country around the world.</p> <p>Expansion Port: In preparation for future functionality the CC-3000 is equipped with an expansion port. This connector will allow for future digital and analog sensors.</p>
Contents	CC-3000 Computer Interface Power Adaptor

Additional Options

Select version

Standard 433 Mhz Version

Long Range Version