NL120
10baseT Ethernet Module

10 Base T

NL120
Ethernet Module

CAMPBELL® SCIENTIFIC

Made in USA

SN: CE

Campbell Scientific's NL120 allows a CR1000 or CR3000 datalogger to communicate over a local network or a dedicated Internet connection via TCP/IP. This 10baseT Ethernet module connects directly with the 40-pin peripheral port on a CR1000 or CR3000. It is the smallest Ethernet module available for those dataloggers.

A 10baseT Ethernet straight through cable is used when the cable is run from a hub to the NL120. A 10baseT Ethernet crossover cable is used if the cable is run directly from the computer to the NL120. For cable lengths longer than 9 feet, the 10baseT Ethernet cable must be shielded.

The NL120 is set up using the Device Configuration utility (DevConfig). DevConfig is bundled with our PC400, RTDAQ, and LoggerNet software and is available, at no charge, from: www.campbellsci.com/downloads

The NL120 is the smallest Ethernet Module available for our CR1000 and CR3000.

Ordering Information

Model	Description
NL120	Ethernet Interface
Ethernet Cables	
13658	10baseT Ethernet straight through cable (7 ft)
13659	10baseT Ethernet crossover cable (7 ft)

The NL120 fastens to the peripheral port on a CR1000 (shown above) or CR3000 datalogger.

Specifications

Power:
   12 V supplied through the datalogger's peripheral port

Current Drain: 20 mA

EMI and ESD Protection:
   Meets requirements for a class A device under European Standards
   Application of Council Directive(s):
      89/336/EEC as amended by 89/336/EEC and 93/68/EEC
   Standards to which conformity is declared:
      EN55022-1; 1995 and EN50082-1: 1992

Temperature Range:
   -25° to +50°C standard; -40° to +85°C extended

Software Requirements:
- LoggerNet 3.2 or later
- PC400 1.3 or later
- DevConfig 1.5 or later

Cable Requirements:
   Ethernet cable must be shielded if the length is greater than 9 ft.

Dimensions:
   4.0" x 2.5" x 1.1" (10.2 x 6.4 x 2.8 cm)

Weight: 2.35 oz (66.62 g)