



## Adds Connectivity

Connects dataloggers to LAN or Internet via Ethernet

### Overview

The NL120 allows the datalogger to communicate over a local network or a dedicated Internet connection via TCP/IP. This small, rugged communication device connects directly

to the 40-pin peripheral port on a CR1000 or CR3000 datalogger.

### Benefits and Features

- ▶ Compatible with CR1000 and CR3000
- ▶ Connects a data logger to a network
- ▶ Smallest Ethernet module available for the CR1000 and CR3000

### Technical Description

The NL120 uses a straight through cable 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, either a shielded 10baseT Ethernet cable or the 28033 surge protector needs to be used.

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](http://www.campbellsci.com/downloads)

### Specifications

Power Requirements	12 V (supplied through the data logger's peripheral port)
Ethernet Speed	10Base-T (10 Mbps), half-duplex
Typical Current Drain	20 mA
Dimensions	10.2 x 6.4 x 2.8 cm (4.0 x 2.5 x 1.1 in.)
Weight	66.62 g (2.35 oz)

### EMI and ESD Protection

European Standards	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

## Software Requirements

LoggerNet Version 3.2 or later

PC400

Version 1.3 or later

DevConfig

Version 1.5 or later

For comprehensive details, visit: [www.campbellsci.eu/nl120](http://www.campbellsci.eu/nl120) 



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