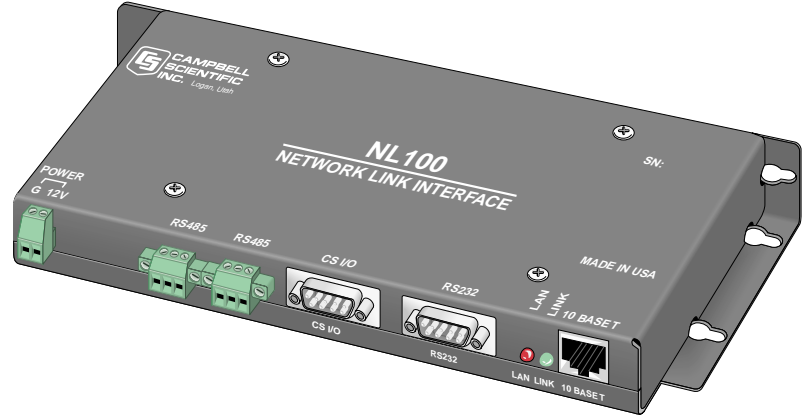


Network Link Interfaces

Models NL100 and NL105

The NL100 and NL105 Network Link Interfaces are 10baseT ethernet communication peripherals. The devices allow any Campbell datalogger with an RS-232 or CS I/O port to communicate with a computer using TCP/IP, making it possible to communicate over a local area network or a dedicated internet connection. The NL105 is identical to the NL100, but adds a T-Link interface for use with our CR9000(C) Measurement and Control System.



Communication from the base station computer is supported by PC208W (Version 3.2 or higher) for our array-based dataloggers, LoggerNet for our table-based dataloggers, and PC9000 for the CR5000 and CR9000(C) dataloggers. Communication rate is dependent on the datalogger; for example, the CR5000 can communicate at rates up to 115,200 bps.

The NL100 mounts directly to our enclosure backplate. The NL105 has optional hardware for mounting in a module slot inside the CR9000(C) enclosure. The NL100 may be located several miles from the datalogger by using short-haul modems.

Ordering Information

NL100	Network Link Interface
NL105	Network Link Interface for CR9000(C)

Optional Items

13657	Standard DB9 Null modem cable—required to configure the NL100/105 from a PC's RS-232 port (6 ft)
13658	10baseT ethernet cable (7 ft)
13659	10baseT ethernet crossover cable (7 ft)
10873	DB9 female to DB9 male cable (6 ft)

Specifications

Power:	12 Vdc supplied via 12 V and ground. Alternately CS I/O 9-pin port on newer dataloggers, or through the TLink interface.
Current:	130 mA continuous
Temperature Range:	-25° to +50°C
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: ENC55022-1; 1995 and ENC50082-1: 1992
Dimensions:	9.25" x 4.25" x 1"



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