

Set up your communication links almost anywhere!

Campbell Scientific DCP-Kit

www.campbellsci.com.au/dcpkit



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 **CAMPBELL
SCIENTIFIC**
Australia, Pty Ltd

DCP-Kit Digital Cellphone Kit



- Allows *easy access* to remote sites
- Optional *NextG* or *GSM* coverage
- Allows users to *download data, send & receive SMS, FTP or Email*
- Fully supported by *PC400 & LoggerNet* software

Our digital cellphone kits allow you to establish communications links to virtually anywhere without the time consuming task of installing telephone lines or on-site visits.

Our DCP-Kit has two options – NextG or GSM, allowing you to choose the option that best suits your application site. We strongly recommend you test the signal strength on-site before ordering.

Each kit contains a modem (model varies depending on GSM or NextG), antenna, and associated serial and data cables. The kit is mounted into the enclosure and can be powered from the data logger's 12V channel. The modem is then attached to either the CS I/O or the RS232 ports.

Remote communications and station requirements for the DCP-Kit are fully supported by our PC400 and Loggernet software packages. Talk to our team today to find out how digital cellphone telemetry can save you time and provide remote access to your data.

Using the digital cellphone kit, users have the ability to communicate and carry out a number of functions, including -

- Remote "dial in" to a station to download data, set the station clock, send & retrieve programs, look at real time values (all data loggers)
- Program the logger to send an SMS, based on alarm conditions to a single or multiple phone numbers. (CR510, CR10X, CR800 series, CR1000, CR3000)
- Program the logger to check for received SMS transmissions, to reset alarm conditions, change alarm set points (CR800 series, CR1000, CR3000)
- Using packet data & the logger's built-in TCP/IP stack establish a PPP connection to send data via ftp or email (CR800 series, CR1000, CR3000)

DCP NEXT-G Modem

Band	850/2100MHz
Band GSM/GPRS/EDGE	Not Supported
Carriers Supported in Australia	Telstra 3G 850MHz (Next-G) Optus 3G 2100MHz Hutchison 3G 2100MHz Vodafone 3G 2100MHz

DCP GSM Modem

Band	900/1800MHz
Carriers Supported in Australia	Telstra GSM 900/1800MHz Optus GSM 900/1800MHz Vodafone GSM 900/1800MHz

Note: You can find the signal availability in your site from the following links.

Telstra

<http://www.telstra.com.au/mobile/networks/coverage/maps.cfm>

Optus

<http://www.optus.com.au/coverage>

Vodafone

<http://www.vodafone.com.au/personal/services/coverage/maps/index.htm>

Specifications

GSM Modem

Operating Temperature:	-20°C to +55°C
Supply Voltage:	5 to 32VDC
Average Current Drain:	140mA transmitting @12V (maximum) 5mA in idle mode
Other Interfaces:	RS232 mini sub-D 15pin connector
Dimensions:	73 x 54 x 25mm (excluding connectors)
Weight:	82g

The Fastrack comes with a mounting bracket which allows it to be easily removed. The mounting bracket has two holes to allow easy connection our environmental enclosure back-plates.

NextG Modem

Operating Temperature:	-20°C to +50°C
Supply Voltage:	9 to 36 VDC
Power Consumption:	200mA @ 12V (maximum)* 40mA in idle mode*
Other Interfaces:	RS232 Serial Connector HD15; USB 2.0
Dimensions:	110 x 70 x 21mm
Weight:	130g (without antennas)

The Maxon MM-6280IND modem has built in mounting brackets which allow it to be easily removed. These mounting brackets have holes to allow easy connection to our environmental enclosure back-plates.

* Approx. value - can be changed based on RSSI, etc.

CONTACT OUR TEAM TODAY!

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*Scientific, environmental and industrial instrumentation for
a range of applications including:*

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- ⊙ hydrology
- ⊙ research
- ⊙ education
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- ⊙ agriculture
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- ⊙ clean energies
- ⊙ automotive development
- ⊙ aquaculture
- ⊙ marine biology
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