



Product Specifications

Product #: 4723

<http://www.nrgsystems.com/sitecore/content/Products/4723.aspx>

Symphonie iPackGPS (GSM/GPRS) - WindLinX Ready

Internet-enabled communications and continuous power supply module for the NRG Systems SymphoniePLUS3 data logger.

SPECIFICATIONS

Accessory type

Applications

Instrument compatibility

Functions

Software

Data delivery

User interface

Configurable parameters

Batteries

External solar input

Other

Mounting

Tools required

Accessories

Description

Internet-enabled data transfer communication device for SymphoniePLUS® and Symphonie® data loggers

- SymphoniePLUS and Symphonie data logger internet features where GSM service is available
- Quad band operation for GSM 850/900/1800/1900 MHz (Worldwide - Europe, Asia, North America)
- SymphoniePLUS or Symphonie data logger
- Automatically updates latitude, longitude, and altitude settings in the data logger
- GPS position viewer
- iPackGPS status and event reporting
- GSM (cellular) signal confirmation indicator
- Ability to install firmware updates to iPackGPS remotely
- Automatic download of logged data via email
- Automatic real-time clock setting from internet time server
- Remote parameter updates of SymphoniePLUS, Symphonie and iPackGPS
- Ability to disconnect a call in progress
- Event log viewer
- I

Data Collection

Symphonie Data Retriever (SDR) for setup

- Data delivery via internet email, including:
 - Copy of .RWD files
 - iPackGPS status and event logs
 - Configuration changes uploaded via email
- iPackGPS Event Log is added to .RWD files and can be viewed in SDR

Configuration

- Improved status reporting on data logger front panel
- Configuration via SDR on Windows PC
- WindLinX™ ready
- Call interval range: 10 minutes - 14 days
- Optional 10-minute call setting for customers who wish to have their data emailed more frequently (allows for 10-minute data resolution)
- Internet Service Provider settings
- Optional 'No Partial Files' setting
- Optional 'Disable POP3' setting
- Up to three (3) email addresses

Power requirements

One (1) built-in 12V Sealed Lead-Acid (SLA) battery with 2200 mA-hr rating

12 V (nominal) solar PV panel or external power supply (15 to 24 V)

External battery (12 - 14 V)

Installation

- iPack stacks with Symphonie data logger using long logger mounting screws (included)
- Standard GSM antenna is magnetic mounted to top of steel shelter box
- GPS antenna is magnetic mounted to top of steel shelter box
- Solar PV panel mounts to front of shelter box with 4 screws
- 8 mm (5/16 inch) wrench or nut driver for mounting screws
- Cellular antenna, GPS antenna, and Voltmeter SCM included

Physical

Connections

- Data connection to iPack connector on rear of data logger
- Two (2) screw terminals for solar PV panel or external power supply input
- Two (2) screw terminals for external battery
- One (1) screw terminal for earth ground pre-wired for connection to data logger earth ground stud
- GSM antenna connector SMA female
- GPS antenna connector QMA female
- Programming port connection via data logger programming adapter

Dimensions

165 x 222 x 51mm (6.5 x 8.75 x 2.0 inches)

Materials

Enclosure

Polycarbonate plastic

System requirements

Computer

Windows PC with Symphonie Data Retriever (SDR) required for programming of iPack settings

Operating system

Symphonie Data Retriever (SDR) requires Windows 95 or higher

Related hardware

- iPack Programming Kit (Item 3368)
- Universal iPack Charger (Item 3615)

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