



DataNet System Release Notes

Release Date: 2 January, 2013

Firmware Version: 3.00

DataNet Hardware Support: Mini DataNet models: DNL804, DNL808, DNL810 (and all Mini DataNet BXT models)

Release Information

- Bug Fix: Improved the Received Signal Strength Indication calculation to allow more accurate signal strength readings in the device tooltip in DataSuite, when converted from dBm to percentage (%).
- Bug Fix: For DNL804 configured with a defined sensor and alarms levels, the logger occasionally sent an alarm event even though the recorded values were not actually in alarm state.

Release Date: 21 November, 2011

Firmware Version: 2.46

DataNet Hardware Support: DNR900

Release Information

DataNet DNR900 Firmware v2.46

Features supported by DataSuite software only

- Added 'Network name' field to the Receiver setup window, in order to differentiate between different networks when more than one network is connected.
- Default Network name added for every new network created.
- Additional anti-tamper feature added, whereby Receiver cannot be changed to be a Repeater directly from the Receiver keypad. This is now only supported from the DataSuite software itself, when the device is connected via USB.

Release Date: 30 October, 2011

Firmware Version: 2.45

DataNet Hardware Support: DNR900

Release Information

DataNet DNR900 Firmware v2.45

Features supported by DataSuite software only

- Added support for detection of multiple DNR900 Receiver's USB connections (allowing management of multiple networks from one PC)



- Added Receiver Network Name to Receiver Setup menu in DataSuite software, allowing user to give unique network name per network. Network name is visible on Receiver/Repeater LCD screen.

Features supported by both DataSuite and DataNet software

- Added support for Anti-Tamper mode – option to change device type from DNR900 Receiver to Repeater is removed from LCD menu

Release Date: 30 October, 2011

Firmware Version: 2.36

DataNet Hardware Support: DNL910, DNL920, DNL910-PA, DNL920-PA, DNL804, DNL808, DNL810, DNR800 (and all Mini DataNet BXT models)

Release Information

DataNet Firmware v2.36

- Bug fix: Mini DataNet (DNL8XX, DNR800) LED was constantly on after a unit left the network and there were no available networks for the unit to connect to.
- Added feature to test the RF signal strength for DNL9XX in PA and non-PA modes (for DataNet Production only)

Release Date: 30 May, 2011

Firmware Version: 2.40

DataNet Hardware Support: DNR900

Release Information

DataNet Firmware v2.40

- Fixed *Call Unit* feature which was disabled from firmware v2.36
- Fixed misrepresentation of the Repeater Reception Strength indication in the DataNet software Map View.

Release Date: 23 November, 2010

Firmware Version: 2.35

DataNet Hardware Support: DNL804, DNL808, DNL810, DNR800,

Release Information

DataNet Firmware v2.35

Fixed scenario where Mini DataNet unit tries and fails to connect to a network, after leaving previous network, and LED is in constant green state. Following fix, unit will turn off when network is not available.



Release Date: 31st October, 2010

Software Version: DataNet v2.2.0.0

DataNet Hardware Support: DNL808, DNL810, DNR800, DNL910, DNL920, DNR900, DNL910PA and DNL920PA

Release Information

DataNet Software v2.2.0.0

- Stability bug fixes

DataNet v2.1 Release Notes

System Requirements

Software

- Windows 2000 SP3, Windows 2003, Windows XP SP2, Windows Vista, Windows 7 (32-bit)
- Internet Explorer 5.01 or higher
- Minimum screen resolution: 1024 x 768 (800 x 600 not supported)

Hardware

- Pentium 800 MHz or higher
- 256 MB RAM
- 250 MB available disk space for the DataNet application



Release Date: 24th September, 2010

Software Version: DataNet v2.1.0.0

Firmware Version: 2.35

DataNet Hardware Support: DNL910, DNL920, DNR900, DNL910PA and DNL920PA

Release Information

DataNet Firmware v2.35

DataNet Logger Battery charging: Improved DataNet logger battery charging.

Release Date: 29th August, 2010

Software Version: DataNet v2.1.0.0

Firmware Version: 2.34

DataNet Hardware Support: DNL808, DNL810, DNL910, DNL920, DNR800, DNR900

New DataNet Hardware Support: DNL910PA and DNL920PA, DNL804

Release Information

DataNet Software v2.1.0.0

Note: DataNet v2.1.0.0 software ***must be installed first, prior to updating firmware 2.34***. This is done automatically by using the Uptodata software update utility. Please contact your local vendor or Fourtec technical support for further information.

- **Interface Support:** Added Polish language support.
- **Mini DataNet Battery Indication:**
 - Improved Mini DataNet logger functionality when operating in low temperature environments, where battery indication may not be accurate.
 - Battery level indication categorized as *Low* and *Good*.
- **DNR900 Auto Detection:** Improved detection time of DNR900 by DataNet software.
- **Stability bugs fixes**

DataNet Firmware v2.34

- **Mini DataNet Battery Indication:** Improved Mini DataNet logger functionality when operating in low temperature environments.
- **Data Logger Clock Update:** Logger internal clock will be updated every 24 hours and also after every STOP and RUN scenario, thereby ensuring logger clock is in sync with PC.
- **Stability bugs fixes**



DataNet v2.0 Release Notes

System Requirements

Software

- Windows 2000 SP3, Windows 2003, Windows XP SP2, Windows Vista, Windows 7
- Internet Explorer 5.01 or higher
- Minimum screen resolution: 1024 x 768 (800 x 600 not supported)

Hardware

- Pentium 800 MHz or higher
- 256 MB RAM
- 250 MB available disk space for the DataNet application

Release Date: June 17th, 2010

Firmware Version: 2.31

DataNet Hardware Support: DNL808, DNL810, DNL910, DNL920, DNR800, DNR900, DNL910PA and DNL920PA, DNL804

Release Information

DataNet Firmware v2.31

Critical patch for bug identified in specific DataNet models related to data saving mechanism in certain scenarios.

Release Date: May 30, 2010

Software Version: DataNet v2.0.0.0

Firmware Version: 2.30

DataNet Hardware Support: DNL808, DNL810, DNL910, DNL920, DNR800, DNR900

New DataNet Hardware Support: DNL910PA and DNL920PA, DNL804

Release Information

DataNet Software v2.0.0.0

Note: Following installation of DataNet v2.0.0.0, software will run in Trial mode until activated using unique software Serial Number. Trial mode lasts 30 days before software is deactivated. Software license is good for unlimited installations on one computer only. Please contact your local vendor for further information.



- **Interface Support:** English, Italian, French and Spanish
- **Windows OS:** Added support for Windows 7 (32-bit)
- **New Reports module:**
 - Generate any type of report including alarm, events, SMS and e-mail notification, graphs and histogram logs
 - Report can be generated periodically and automatically by e-mail
 - Report can be exported in CSV and/or PDF file format
 - Easy navigation of logger data using up and down scroll buttons
 - Report browsing capabilities
 - Enhanced report editing for compatibility with CFR requirements
- **Map View:**
 - Added ability to add name tag for each device on Map View
 - Added ability to print the Map View screen, including name tags (if enabled)
 - Added Turn Off command to Logger menu
 - Added multi-logger functionality: Run, Stop and Turn Off
- **Sensor View:**
 - Added indication when data is being downloaded and added S/N to the tooltip
 - Added a scroll bar to ease the sensor navigation
- **History View:**
 - Improved History View while opening a saved data file
 - Added customizable Graph, Table and Statistics header
- **Analysis:**
 - Added calculation of MKT (Mean Kinetic Temperature)
 - Improved Histogram view
- **Logger Alarm mechanism:** In event of logger alarm while PC is offline, the software will send alarm notification when the PC is next online
- **SMS and e-mail notifications:** Modified notification format
- **Saving Data files:** Added alternative path for saving data. If user defined path is offline the system will use the default path to save logger data
- **Software update module:** Improved GUI and functionality
- Various bugs fixes
- **Known Issues:**
 - No support of online change of daylight saving time
 - When software is closed the scheduled reports cannot be generated and sent

DataNet Firmware v2.30

- Support for new DataNet product family:
 - DNL804 (4-20 mA)
 - DNL910PA (same functionality as DNL910 but with Power Amplifier) - must be connected to external power supply



- DNL920PA (same functionality as DNL 920 but with Power Amplifier) - must be connected to external power supply
- Added Substitute Receiver feature allowing for Repeater to replace the network Receiver in even of Receiver failure, thereby allowing data download
- Added USB data download from logger to computer (not supported on Mini DataNet models)
- Added support for firmware update via USB (not supported on Mini DataNet Models)
- Increased data logger sampling rate to once every 18 hours, from once every two hours in previous versions
- Improved power consumption for all new and current DataNet hardware, providing extended battery life
- Improving charging mechanism (battery charging hysteresis)
- Change in LED functionality of Mini DataNet units (DNR800, DNL804, DNL808 and DNL810)
- Improved ZigBee network communication resulting in faster and more efficient handling of wide network deployment
- Various bugs fixes

DataNet v1.0 Release Notes History

Release Date: November 3, 2009

Released Firmware version: v1.98

Supported DataNet Hardware: DNL804 *, DNL808, DNL810, DNL910, DNL920, DNR800 *, DNR900

Supported DataNet Software: DataNet v1.2

** Product not yet released*

Release Information

DataNet Firmware v1.98

- Improved reading of battery level indicator on all logger models, to provide more accurate battery status.
- Increased duration of DNL910 and DNL920 audible locator to one minute with option to stop by pressing logger keypad button.
- Improved memory backup when logger battery reaches low levels.
- Disconnecting and then reconnecting DNL910 or DNL920 logger from external AC power in less than one hour will not start a new 16 hour charging cycle, as long as battery level is at least 90%.
- Bug Fix: Turning off logger unit will not result in logger memory being erased.
- Various minor bug fixes



Release Date: June 11, 2009

Released Software Version: DataNet v1.2

Released Firmware Version: 1.89

DataNet Hardware Support: DNL808, DNL810, DNL910, DNL920, DNR800, DNR900

Release Information

DataNet Software v1.2

- Support for new Mini DataNet product family, DNL808 and DNL810.
- Release of Uptodata client allowing automatic detection and upgrade of new DataNet software and firmware releases from the Fourtec server.
- External alarm; software activates external alarm connected to Receiver or data logger external alarm output, when alarm is present in the system.
- New GUI which differentiates between e-mail and SMS Alarm notification menus.
- Ability to save custom graph view in online or offline logger graph.
- Dynamic data statistics, which updates statistics tab according to cropped data on the graph.
- Ability to add a grid format onto the online or offline logger graph background.
- Ability to calibrate all Thermocouple types simultaneously rather than one at a time.
- Various bug fixes

DataNet Firmware v1.89

- Support for new Mini DataNet product family, DNL808 and DNL810.
- Ability to run DNL910 and DNL920 loggers as Short Range Repeater (option available via the software).
- Improved power consumption for DNL910 and DNL920 with up to six months battery life.
- Contact sensor option on DNL910 and DNL920 Inputs 1-4.
- Hourly synchronization of data logger clock preventing time drift from the PC clock.
- Units with no parent search every five minutes in order to reduce power consumption and conserve battery life.
- When a logger is stopped data that was not downloaded is automatically downloaded and saved on the PC.
- When data logger sends alarm notification message, it also includes the last recorded sample.
- Following reset the units will continue to operate as they were prior to reset i.e. will continue to log data if they doing so before reset.
- Various bug fixes



Release Date: November 20, 2008

Released Software Version: DataNet v1.1

Released Firmware Version: 1.40

DataNet Hardware Support: DNL910, DNL920, DNR900

Contacting fourtec Technical Support

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