

Release of June 2009 Resource CD

The June 2009 resource CD has been released. It contains the following new items

- *DT80* range firmware version 7.08 and new User's Manual.
- *DeLogger5* Version 1 Release 5
- *DeTransfer* 3.27 (with new installer)

This document provides further details for these releases. If you wish to have a copy of the new resource CD you can request it by contacting the sales team via email (sales@datataker.com.au) or via phone (03) 9757 4477.

Release of *DT80* range firmware version 7.08

Firmware version 7.08 for the *DT80* range has been released and is now available for download from our web site - www.datataker.com/downloads. This release contains important changes such as a new capability to customize the web interface to allow more mimic pages and DHCP support as well as other useful improvements and bug fixes.

To allow you to upgrade the firmware more easily via USB flash drive, this firmware release is now also available in a zip file ready for extraction directly to a USB flash drive. Once extracted simply insert the USB flash drive into a *DT80* range logger to upgrade the firmware.

The text below details the important changes included with this release of the firmware. For a full listing of all changes and bugs fixed please refer to the firmware release notes.

New web interface home page

The interface selector page of the built-in web server has been remodeled. This "home page" includes the previous selections and also allows selection of the new capability to customize the available options within the web interface.



Customized web interface

The customization capability allows the user to define one or more pages of mimics and the number of mimics for each page. Other options allow any menu item in the interface to be disabled. Further options allow the look and feel and branding to be customized.



USB connection to Web Interface

The USB communications port now allows PPP (TCP/IP) connections which in turn allow the web interface to be used over a USB connection. (See page 160 of the new user's manual for details on how to connect to the web server over the USB link.)

DHCP

The logger now supports the DHCP protocol, which means that it can automatically set its IP address and other network settings. This will allow the logger to be more easily connected to a LAN or WAN, for example corporate or industrial Ethernet networks, as well as the internet and mobile networks connected via GSM/GPRS or WCDMA/UMTS.

IP address display

A new status display has been added to the front panel display which shows the current IP address. This is particularly useful for determining the assigned IP address when using DHCP. (See page 155 of the new User's Manual)

Eth IP: Auto 192.168.1 1.160

New User's Manual

This release includes a new User's manual. The section on communications has major changes, particularly on using DHCP, PPP and connecting the logger using modems and over the internet.

Web interface now supports Flash Player 10

The web interface now works properly with Adobe Flash Player 10.

Changes to profile settings are immediate

There is now no need to reset the logger following a change to a profile setting for it to take effect. For example changing communications parameters such as the IP address or baud rate will take effect immediately.

Note: this could affect existing programs which have relied on the previous method of waiting until a reset is performed - eg, com port speed settings changes are now instant.

More Channel table entries, channel variables and string variables

The internal channel table has been increased to 1000 entries (up from 800). There are now 1000 channel variables available (up from 800). There is now 50 string variables available (up from 10).

Channel variables can now be used to specify time constants

A channel variable can now be used wherever time value is specified, such as setting the time, comparing time in alarms and specifying start and end times in an unload command. This allows for such things as changing the system time programmatically, complex time comparisons in alarms and the unloading of data over a calculated time period. This means that T=1CV and U(1CV) are now valid commands. Specific applications include changing the time for daylight savings over a Modbus link, or synchronising time according to a GPS time value.

Release of *DeLogger5* version 1 release 5

DeLogger5 version 1 release 5 for the *DT80* range and *DT800* has been released and is now available for download from our web site - www.datataker.com/downloads. This release contains several useful improvements and bug fixes including:

- Size and position of windows, and visibility of toolbars is now saved and restored correctly when exiting and restarting *DeLogger*.
- Improvements to *DeLogger* Email Messaging
- Improvements to the Program builder for serial sensors

For a full listing of all changes and bugs fixed please refer to the *DeLogger* release notes.

Re-release of *DeTransfer* version 3.27.

DeTransfer version 3.27 has been re-released and is now available for download from our web site - www.datataker.com/downloads. *DeTransfer* has been re-released with a new installer to allow it to be installed on 64 bit versions of windows. The functionality of *DeTransfer* has not changed, so the version number has not changed.