



Ansutek Datalogger Version 3.0 (Rev. 31-Dec-2010)

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For all enquires contact 0800 722 648 or +64 9 262 1333 or email datalogger@ansutek.co.nz for comments and suggested improvements.

DEMO Version

The demo version contains a time 20 minute time limit before the program exits but contains full functionality. Once the program has been registered the 20 minute time limit restriction will be removed!

GENERAL USAGE

About

The software is designed to capture information from a TCP/IP port and save it to either a text file or SQL 2005 or SQL 2008 database. Earlier versions of SQL may be compatible.

Program Start Up

When the program starts up it will minimise itself. To use the program - click on the "AC" icon in the task bar which will maximise the program interface. You will need to go to Admin Mode to be able to enter or change any of the program settings. The user name is "admin" and password is "pass". This is to help protect unauthorised persons changing any settings. The close button has been disabled programmatically to prevent accidental shut down. To exit the program click on the Exit button and use the same credentials as for the Admin Mode.

Output Method

There are two output methods. Select the appropriate output method - Text or SQL. If you select the Text output method you only need to fill in the Text property settings and vice versa for the SQL output method.

Listener Settings

These fields are required. The local IP listener address is needs to be set to the actual IP address of the PC this software is running on. The Port No is the port that will be listened on. The Host IP address reveals your current IP address. The Host IP refreshes automatically every few seconds.

The Auto Run on Start Up check box will start the listener automatically on loading. This would be used in cases where the PC running this software was restarted or experienced a power failure. To restart the listener after a reboot you would need to place the program executable in your start up folder.

Text Property Settings:

The path and file name can be typed in manually or you can browse to an existing text file (*.txt). If the file does not exist it will be automatically created.

The Delimiter / Separator is optional. If your data contains a delimiter such as a comma, semi colon etc. you can specify that character in the field provided. This will split your data into columns when you view the table of captured data. The View Text File button will show you your captured data in a data grid (table format) on a separate form.

SQL DB Property Settings

This option allows you to connect to a SQL database and save your captured data directly to a SQL table. All fields are required and are case sensitive. The fields are used to build the SQL connection string.

You will need to create your own SQL database or use an existing one before you can capture data.

The database will need to contain one table with two or more columns. The first column will need to be an integer type set as the primary key and self incrementing by one (Identity Specification & Indexable set to Yes).

The second and subsequent columns need to be either a varchar, nchar, nvarchar, char or text type. Default values can be of Null type.

The delimiter / separator is optional. If you use specify the character separator then you must specify the column names which they are to map (insert) to.

i.e. let's say we have two columns of data to split - ColumnNameA and ColumnNameB using a semi-colon for the separator. The column names field we would enter ColumnNameA, ColumnNameB and in the separator field we would put the semi-colon separator.

The View SQL DB File button will show you your captured data in a data grid (table format) on a separate form.

Confirmation Settings (Optional)

This allows the listener program to send a confirmation of a successful read and write to the specified Client IP Address and Port No. It applies to either the text or SQL output methods and will send the success string "Write OK". This is optional and will be ignored if the Client IP Address and Port No are left blank.

Save Settings

By clicking the Save Settings button the Output Method, Listener Settings, Text and/or SQL DB property settings will be saved.

Operation:

To start the listener - click the Start Listener button. To stop the listener - click the Stop listener button. You can't start the listener while in Admin Mode.

You can view the output in real time by clicking on the appropriate View Text File or View SQL DB Table button.

Software Registration

To register the software - click the **Register Software** button. You will need to contact us with the License No and we will give you the corresponding Activation No.

Once this is done the software will be registered against the installed computer and the 20 minute time limit removed.

For all enquires

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