CaTeC

Turfschipper 114 **|** 2292 JB Wateringen **|** Tel. 0174 272330 **|** Fax. 0174 272340 **|** info@catec.nl **|** www.catec.nl

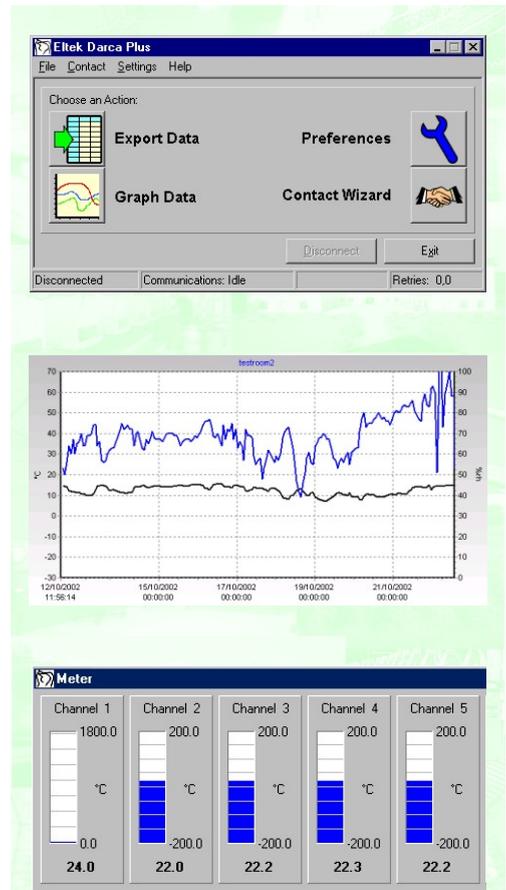S P E C I A L I S T
D A T A   L O G G E R S

Downloading And Remote Control Application for Eltek 1000 Series Squirrel Dataloggers

Darca provides powerful but simple-to-use tools for configuring and metering Squirrel channels, changing Squirrel settings, downloading data and analysing it either graphically or statistically. Connection to the Squirrel can be made by a direct serial link, through a modem or via USB.

Three versions are available: Darca Lite with standard features, Darca Plus with enhanced features including modem support and graphing and Darca Secure for full data protection.

Key Features

- All operational control of the Squirrel may be performed using the PC

- Data can be exported into text format for analysis in a spreadsheet package

- Intelligent storage of Squirrel configuration provides fast connection to the Squirrel

- Squirrel channels may be scaled into appropriate engineering units

- Copy and Paste tools in Channel Setup for simple and fast channel configuration

- Alarm feature warns if any channel inputs are outside 'safe' limits

- Squirrel configuration may be saved as a Setup File and then applied to other Squirrels

- Contact Squirrels on a Squirrel Network

- User-friendly interface for highly intuitive operation

- Multiple windows may be displayed simultaneously to provide total control over Channel Setup and Metering

- Displays all selected channels on screen simultaneously

- Contact Wizard guides you through the stages of contacting the Squirrel

- 'Shed' utility allows scheduled, automated downloading of data from the Squirrel

- Comprehensive help for first time or experienced users

Darca Lite

- Windows 95/98/ME/2000/NT4/XP compatible

- Baud rate selectable between 1200 and 34800 baud

- Password protection for tamper-proof operation

- Configurable refresh times of Meter Window and Squirrel status

- Memory Size Calculator optimises download time

- Connection to Squirrel via Serial Port or USB

- Printer output

Darca Plus

- as Darca Lite

- Modem connection to Squirrel via GSM or land line

- Powerful graphing tools display real-time or historical data

  - 3D plots, line, event and windrose

  - Plot colour and axis configuration can be saved

  - Text comments can be added to points of interest

- Summary window displays data and statistical information
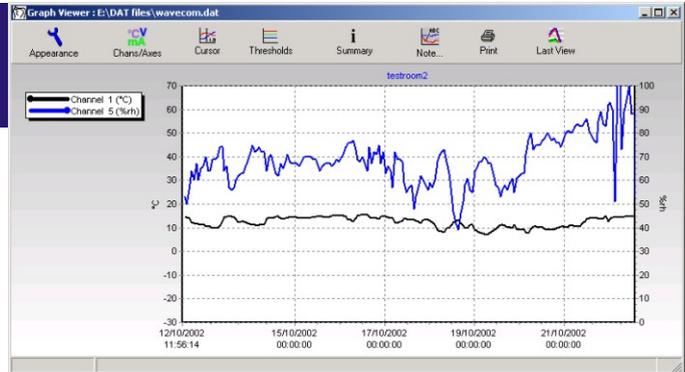
Darca Secure

- as Darca Plus

- Secure access, password authorisation

- Fully protected audit trail

- Encrypted data

- Pharmaceuticals market specific (FDA 21CFR Part 11)

* Eltek works in close association with Grant Instruments (Cambridge) Ltd.

Darca

**Downloading And Remote Control Application
for Eltek 1000 Series Squirrel Dataloggers**

Darca Plus
Graphing Tools and analysis

Summary: E:\DAT files\wavecom.dat

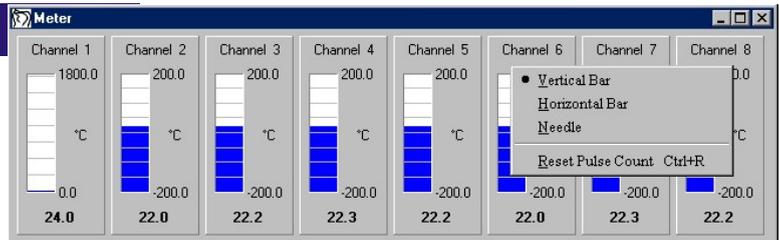| Channel	Channel 1	Channel 5	Channel 6	Channel 7
Start Of Data	12/10/2002 11:56:14			
End Of Data	22/10/2002 13:46:13			
Valid Data	2902	2853	2525	2902
Max Value	15.7	97	645	11.6
Time Of 1st Max	16/10/2002 12:11:14	22/10/2002 04:06:13	19/10/2002 11:41:13	18/10/2002 04:21:14
Min Value	7.1	37	0	0
Time Of 1st Min	19/10/2002 06:16:13	18/10/2002 15:31:14	12/10/2002 17:26:14	21/10/2002 12:11:13
Average	12.394	67.816	102.287	4.718
Sum	35967.400	193479.000	258275.000	13690.400
Std. Deviation	2.190	9.811	159.317	1.923

- Summary Window displays stats of current view

- Configure Graph Window: legend, gridlines and 3D orientation
- Cursor control to view raw data of a point on the graph
- Plot channel thresholds
- Powerful zooming tool
- Real Time graphing

Real Time Metering

- View metered channels as Vertical Bar, Horizontal Bar or Needle
- Intelligent resizing
- Channels in alarm are displayed in red
- Grouping of channels

Squirrel Settings / Status

- Access Squirrel Settings and view the Squirrel Status
- Delay Generator and Memory Size Calculator tools assist in setting the Start and Stop time
- Squirrel Status refreshed regularly
- Colour coding draws attention to important parameters

Scheduling with 'Shed'

- Initiates automated contacts with Squirrels and Squirrel Networks
- Automated contact includes downloading, exporting, setting up and starting / stopping logging
- General purpose scheduler

CaTeC

☎0174 272330 🖷0174 272340
✉ info@catec.nl
www.catec.nl