

Analysis Tool WinDarab V7



- ▶ State of the art user interface
- ▶ Versatile diagrams
- ▶ Numerous analysis functions
- ▶ Customizable mathematical channels and filters
- ▶ Software based license without dongle

WinDarab V7 is an evaluation tool for monitoring and analyzing of logged data and is specially designed for motorsport use. Monitor vehicle data using on-line telemetry and compare logged data by reading out your data logger. WinDarab V7 features a state of the art user interface and reads out both engine and chassis data.

The follower of WinDarab V6 offers simplified and ergonomic handling as well as new features and a revised license system to work without a dongle. Choose between the *Free* and the *Expert* version depending on your purpose.

The enormous bandwidth of features makes WinDarab V7 a perfect evaluation tool for motorsport engineers.

Application

Diagrams

Oscilloscope
X-/Y-plot to create scatterbands
Histogram
3D-diagram

Analysis

Overlay of different laps
Time or distance based analysis
Absolute and relative values
One-touch channel statistics (min./max., avg., etc.)
Regression lines, user defined lines
Lap reports and lap based comparisons
Replay offline data in realtime

Advanced Analysis

User defined math channels

User defined conditions to filter data

FFT analysis

Racetracks

Racetrack creation based on v/acc or GPS data
Racetrack segmentation

Telemetry

Replay online data in realtime
Gauges for realtime visualization

User Interface

Flexible display setup and arrangement
Storable display setup and arrangement
Lap browser

Data Transmission

Direct data input without intermediate hardware
Protection/encryption of logged data files
ASCII import and export

License System

Dongle-free working in all WinDarab V7 variations
Activation/update via internet
Annual maintenance for up-to-date versions

Environment

PC

IBM PC Pentium/AMD Athlon compatible, min. 1.6 GHz
Min. 1 GB RAM
Min. 1 GB free HD space
VGA / WGA monitor (min. 1,024 x 768)
Recommended Operation System Windows 10

Technical Specifications

Variations

	Free	Expert
Max. open files	4	unlimited
Max. measuring data windows	2	unlimited
Max. areas in measuring data windows	4	unlimited
Histogram	+	+
x/y-plot	+	+
Distribution	+	+
min/max-tables	+	+
Fourier-transformation	+	+
Outing report	+	+
Lap analysis	-	+
Flowcharts	-	+
Instrument panel	+	+
User defined physical units	+	+
Racetrack generation via speed/lateral G or GPS	+	+
ASCII export	+	+

Available operators for math channels.	$+$, $-$, $*$, $/$, $^$, \sqrt{x} , \sqrt{x}	All
Extras settings/comments	-	+
Desktop load/save	+	+
Telemetry	+	+
Programming interface (API)	-	Opt.

Installation Notes

Yearly maintenance is recommended, no components to replace.

Ordering Information

WinDarab Free Version

Order number **free download at our homepage**

WinDarab Expert

Order number **F02U.V01.308-01**

Software Options

Software licence API for WinDarab Expert

Order number **F02U.V01.682-01**

Yearly maintenance

Order number **F02U.V01.345-01**

Represented by:

Europe:

Bosch Engineering GmbH
Motorsport
Robert-Bosch-Allee 1
74232 Abstatt
Germany
Tel.: +49 7062 911 9101
Fax: +49 7062 911 79104
motorsport@bosch.com
www.bosch-motorsport.de

North America:

Bosch Engineering North America
Motorsport
38000 Hills Tech Drive
Farmington Hills, MI 48331-3417
United States of America
Tel.: +1 248 876 2977
Fax: +1 248 876 7373
motorsport@bosch.com
www.bosch-motorsport.com

Asia-Pacific:

Bosch Engineering Japan K.K.
Motorsport
18F Queen's Tower C, 2-3-5 Minato
Mirai Nishi-ku, Yokohama-shi
Kanagawa 220-6218
Japan
Tel.: +81 45 650 5610
Fax: +81 45 650 5611
www.bosch-motorsport.jp

Australia, New Zealand and South

Africa:
Robert Bosch Pty. Ltd
Motorsport
1555 Centre Road
Clayton, Victoria, 3168
Australia
Tel.: +61 (3) 9541 3901
motor.sport@au.bosch.com