

WinDarab V7

www.bosch-motorsport.com



- ▶ 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 online 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.

Functions

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)

Operating systems

Windows XP 32 Bit, Vista 32/64 Bit, Windows 7 32/64 Bit

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} , $\sqrt[3]{x}$	All
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Extras settings/comments	-	+
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Desktop load/save	+	+
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Telemetry	+	+
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Programming interface (API)	-	Opt.
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Ordering Information**WinDarab Free**Order number **Free download****WinDarab Expert**Order number **F 02U V01 308-01****Software Options****Software licence API for WinDarab Expert**Order number **F 02U V01 682-01**

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