Software

ebro® offers exactly the software you need:

- Evaluation software for any applications:
  Winlog.basic, Winlog.light and Winlog.pro
- Evaluation software for EBI 25 data loggers:
  Winlog.web and Winlog.wave

Installation Qualification and Operation Qualification documents (IQ/OQ) are available for the Winlog.web and Winlog.pro softwares. They are written in English and saved in an editable file format (MS Word and/or MS Excel). They contain instructions on how to check the functionality of the software features. The instructons can be expanded on demand. Our support personnel is happy to help you executing the qualification.

Software/Features	Winlog.basic	Winlog.light	Winlog.pro	Winlog.wave	Winlog.web
Event Triggered Recording			●		●
Script-Calculations			●		●
System-Scripts			●		
Picture Manager			●		
Measure in Charts			●		
Cursor		●	●		
Realtime Calculations			●		●
Ranges			●		
Range-based Calculations			●		
Statistics per Range			●		
Relative Time Axis			●		
Configurations		●	●		
Firmware-Update		●	●		●
Import		●(1)	●(1)		
Calibration			●		
Automatic File Name Generation			●		
21 CFR Part 11	●	●	●	●	●
User Administration	●	●	●	●	●
Audit-Trail	●	●	●	●	●
Advanced Chart Features		●	●		
Multi Document Support		●	●		
Export (Excel, PDF)	●	●	●	●	●
Customizable Company Logo	●	●	●	●	●
Wireless Support			●	●	●
2D Placement		●	●	●	●
Unit Administration	●	●	●		●
Split Measurements			●		
Advanced Alarm-Management (Zones)	●(2)	●(2)	●(2)		
App Winlog.mobile					●
IQ/OQ			●		●

(1) From Winlog.basic
(2) EBI 310 only
(3) Since V2.5
(4) Since V2.6
(5) Since V2.63

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Supported Logger Types	Winlog.basic	Winlog.light	Winlog.pro	Winlog.wave	Winlog.web
EBI 20	●	●	●		
EBI 25				●	●
EBI 40		●	●		
EBI 300	●(3)	●(3)	●(3)		
EBI 310	●(4)	●(4)	●(4)		
EBI 330	●(5)	●(5)	●(5)		
CT 830			●		
PHT 830			●		

System Requirements	Winlog.basic	Winlog.light	Winlog.pro	Winlog.wave	Winlog.web
Windows 7 / 32 bit	●	●	●	●	●
Windows 7 / 64 bit	●	●	●	●	●
Windows 8 / 32 bit	●	●	●	●	●
Windows 8 / 64 bit	●	●	●	●	●
Windows 10 / 32 bit	●	●	●		●
Windows 10 / 64 bit	●	●	●		●
Memory	≥ 1 GB	≥ 1 GB	≥ 1 GB	≥ 1 GB	≥ 4 GB
Hard Disc Memory	≥ 300 MB	≥ 300 MB	≥ 300 MB	≥ 1 GB	≥ 20 GB
CD/DVD Drive	●	●	●	●	●
Screen Resolution	≥ 1024x768	≥ 1024x768	≥ 1024x768	≥ 1024x768	≥ 1024x768
Processor	Pentium 1 GHz+	Pentium 1 GHz+	Pentium 1 GHz+	Dual Core 2 GHz+	Dual Core 2 GHz+

Market Overview	Winlog.basic	Winlog.light	Winlog.pro	Winlog.wave	Winlog.web
Food	●	●	●	●	●
Industry	●	●	●	●	●
Pharmaceutical		●	●		●

Available Languages	Winlog.basic	Winlog.light	Winlog.pro	Winlog.wave	Winlog.web
English	●	●	●	●	●
French	●	●	●	●	●
Italian	●	●	●	●	●
Spanish	●	●	●	●	●
Chinese	●	●	●	●	●
Japanese	●	●	●		
Korean			●		
Czech	●	●	●		●
Swedish	●	●	●		
Dutch			●		
German	●	●	●	●	●

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30   Software | Evaluation Software for Any Applications

Evaluation Software for Any Applications

Winlog.basic, Winlog.light, Winlog.pro

For programming and readout of ebro data loggers and for evaluating the measurement values ebro® offers three different software versions: the **free Winlog.basic**, the **standard software Winlog.light** and the **professional software Winlog.pro**.

Benefits

- Easy installation

- Easy programming of the data loggers, no prior knowledge required

- Extensive and custom report generation

- Suitable for all applications

- Security by compliance with FDA 21 CFR Part 11

Extensive Report Generation

The software makes it easy to generate standard and custom reports:

- Compact, one-sided report (1)

- Multi-page, detailed report (2)

- Tabular report with the measurement values (3)

- Insertion of your own company logo possible (4)

- Export data to Microsoft Excel® and PDF (5)

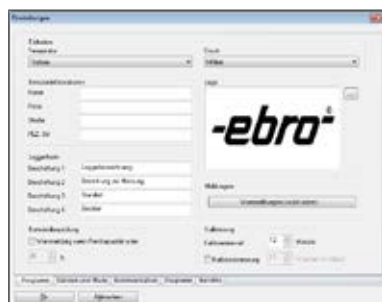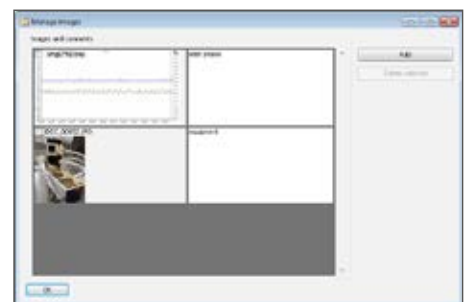- Integration of pictures and graphics possible (Winlog.pro only) (6)

(1)

(3)

(5)

(2)

(4)

(6)

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31

Software | Evaluation Software for Any Applications
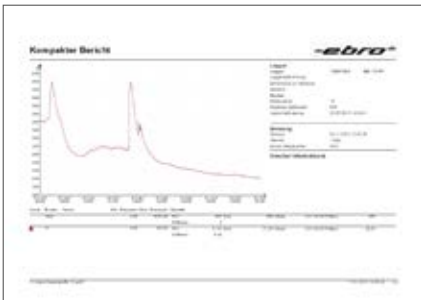
Winlog.basic
Easy to use, free software

- User friendly: intuitive and easy to use
- Graphical and numerical display of measurement data
- Protocol print (with printer and computers)
- Scan and enlarge of the measurement data
- Data export to Microsoft® Excel and PDF
- FDA 21 CFR Part 11 functionality as an option

Winlog.light
Standard software

- Contains all the features of Winlog.basic
- Data import from other ebro application programs
- Many standard reports
- Displays statistics on measurement data (e.g. MIN/MAX, mean, standard deviation etc.)
- Creation of configuration possible

Winlog.pro
Professional software

- Contains all the features of Winlog.basic and Winlog.light
- Enables real-time monitoring with wireless data loggers
- Formula editor for calculating the F0-value of the absolute humidity, the PE value etc.
- Display of the timeline either absolute or relative
- Customized definition of individual areas possible (with their own statistics and calculations)
- Including calibration tool for data loggers
- Integration of pictures and graphics into reports possible
- IQ/OQ documentation optional

System Requirements
So that the software can run on your computer without any problem, your computer must meet the following requirements:

Hardware Requirements:
- At least 1 GHz processor speed
- At least 1 GB working memory
- At least 1 GB free hard disc space
- USB (Universal Serial Bus)

Software requirements:
Operating system Microsoft®
- Windows 8 (32 Bit and 64 Bit)
- Windows 10 (32 Bit and 64 Bit)

Type	Description	Part No.
Winlog.basic	Free evaluation software	as download
Winlog.light	Standard evaluation software	1340-2354
Winlog.pro	Professional evaluation software	1340-2355
IQ/OQ Winlog.pro	Installation and Operation Qualifications for Winlog.pro	1340-2286

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32   Software | Evaluation Software for EBI 25 Data Loggers

Evaluation Software for EBI 25 Data Loggers

Winlog.wave and Winlog.web

For programming and readout of EBI 25 data loggers as well as for evaluating the measurement values. The software automatically collects and evaluates data and alerts if necessary.
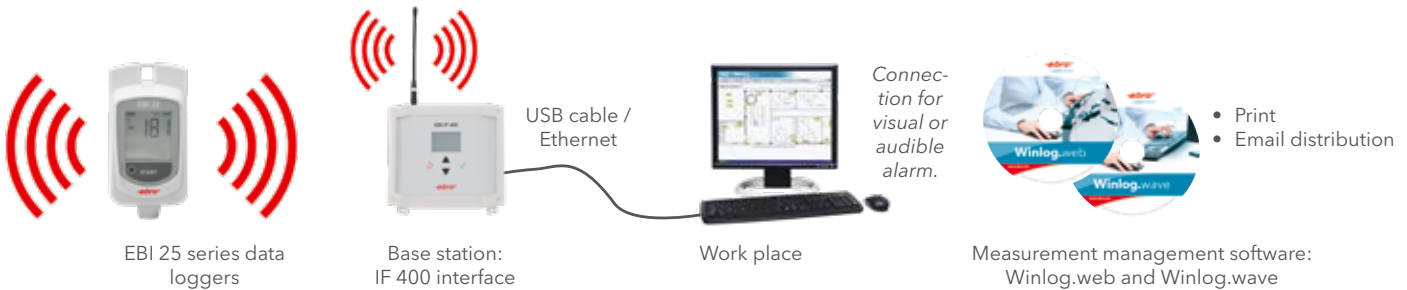
Functionality

The innovative EBI 25 system monitors wirelessly, transmits the data in real time to an interface (base station) and from there to the desired server or PC.
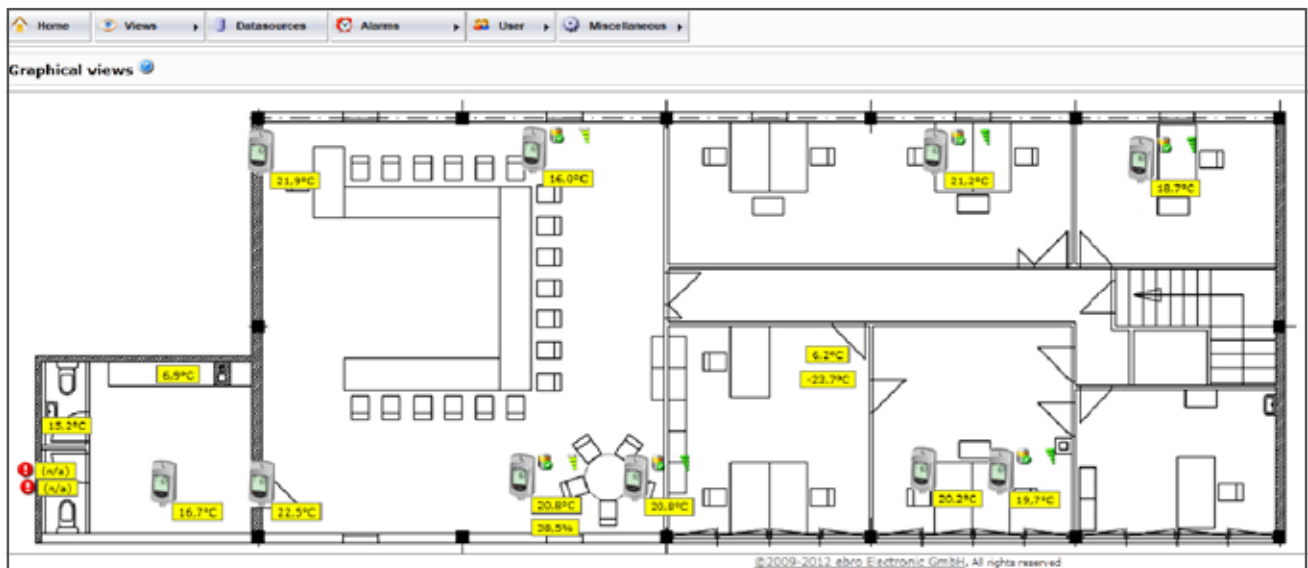
As soon as a temperature, humidity or any other measurement has exceeded a user defined limit, an alarm is immediately sent via email.

Please find the EBI 25 Data Logger Family starting on page 10.

Wireless measurement   **Real time transmission to an interface**   **Evaluation on the PC**

USB cable / Ethernet

Connection for visual or audible alarm.

- Print
- Email distribution

EBI 25 series data loggers

Base station: IF 400 interface

Work place

Measurement management software: Winlog.web and Winlog.wave

Quick graphical overview of all measurement points including an image or floor plan view:

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Software | Evaluation Software for EBI 25 Data Loggers

33

Winlog.wave
Basic version for local PC usage

- Single PC solution: The basic version for easy measurement data evaluation on a single PC- no network required.
- Flexible alarm management: graphic and email alarm notifications upon user defined conditions
- Connection to the IF 400 via USB
- FDA 21 CFR Part 11 data security functionality

Winlog.web
Professional version internet and local network based use

- Web based client/server solution: the measurement data can be evaluated on all PCs and smartphones via the internet or connected to the local network
- Very flexible and wide alarm management: alarm notifications upon user defined conditions, alarm notification via email; visual and audible alarm via the graphical user interface
- Connection of the interface IF 400 via USB and Ethernet
- FDA 21 CFR Part 11 data security functionality
- Management of larger data sets
- IQ / OQ documentation available

System Requirements
To enable the software to operate smoothly, your computer must meet the following requirements:

Hardware requirements:
- Processor speed minimum 2 GHz
- Working memory 4 GB
- 20 GB free hard disc space
- USB (Universal Serial Bus)

Software requirements:
Operating System Microsoft®
- Windows 8 (32 Bit and 64 Bit)
- Windows 10 (32 Bit and 64 Bit)

Further requirements:
- Mozilla Firefox 3.0
- Microsoft Internet Explorer 10

Type	Description	Part No.
Winlog.wave	Evaluation software (single-user version)	1340-2391
Winlog.web	Evaluation software (web-based server version)	1340-2390
IQ/OQ Winlog. web	Installation Qualification and Operation Qualification for Winlog.web	1340-2290