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Wireless Visualisation and Control Software FVS

The Wireless Visualisation and Control Software FVS visualises the switch states of all Eltako wireless sensors and Eltako wireless actuators on a personal computer and can also control the actuators from there.

After you download the software from "eltako-wireless.com" and install 'Setup', you require a wireless transceiver FAM-USB with its USB port to obtain full functionality. The transceiver is licensed and activated online over the web. The license costs for FVS Home are included in the price of the FAM-USB.

If the FAM-USB is operated without a license, the software runs for 120 days as a demo version. However, it can be reactivated with an update at any time.

Schematic graph showing the function of actuators



Any PC that meets the requirements below can be used as hardware:

- Pentium® or AMD® processors of 500MHz or higher or compatible processors
- Minimum 1 GB RAM
- 4 GB free hard disk memory
- Monitor resolution minimum 1024* 768
- DVD-ROM drive
- 2 free USB ports
- "Windows XP" with Service Pack 2, "Vista" or Mac OS 10.x
- 1 network port (only for FVS Professional)

We recommend reserving a special PC for the visualisation and control of the Eltako wireless network. An excellent solution here is to wall-mount one of the modern touchscreen PCs on a board at eye level, e.g. from HP, Asus, MSI or Shuttle.

Eltako uses the "MSI Wind Top AE1900-2316XP Touch" for its presentations. The keyboard and mouse can be disconnected after software installation and the PC can be easily operated using the touchscreen. Select the site of installation so that as many sensors and actuators are located within the range of the FAM-USB. If necessary, extend the radio link with repeaters and/or improve reception using a wireless antenna connected to the FAM-USB.

After software installation, there is detailed documentation available under the 'Info' option.

The Wireless Visualisation and Control Software FVS offers these features and more:

- Displaying actuator switch states
- Direct switching of all actuators
- Controlling room temperatures via temperature sensors
- Controlling brightness and shading elements via brightness sensors
- Time-controlled triggering of functions with adjustable timers
- Setting and retrieving multifunction light scenes
- Light effects such as flashing or running light
- Energy management with counter evaluation and switch-off as required
- Evaluations in the form of charts
- Integrating cameras with alarm signal
- With web access:
Request states and trigger functions; automatic message function by e-mail, text message, audio signal, alarm or via other programs; remote control via e-mail

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FVS-Home



FAM-USB

Wireless visualisation and control software for up to 100 wireless sensors and up to 128 wireless actuators.

The software is ready for downloading at "eltako-wireless.com".
 Updates for the installed FVS software can be downloaded from the internet free of charge.
 The wireless receiver FAM-USB with USB port is also required for PC reception and for transmitting wireless telegrams from a PC. The price already includes FVS Home. It must be licensed online within 120 days.

FAM-USB with license FVS-Home	USB wireless receiver	EAN 4010312305003	149,60 €/pc.
FVS Cam license	Expansion kit each for 5 cameras	EAN 4010312302019	49,00 €/pc.¹⁾
FVS Client license	to activate one Client only	EAN 4010312311110	79,80 €/pc.¹⁾

FVS-Professional



BSC-BAP

Wireless visualisation and control software same as FVS Home but also for LAN connections.

250 instead of 100 wireless sensors are included as well as 10 instead of 5 cameras and 100 instead of 25 timers.
 At least one LAN access point BSC-BAP is required in addition to receive and send wireless telegrams.

FVS Professional	License key	EAN 4010312302002	234,00 €/pc.¹⁾
FVS-ToGo Stick 1 GB	with CodeMeter file	EAN 4010312305119	140,60 €/pc.
BSC-BAP	LAN-Access-Point	EAN 4010312302040	343,70 €/pc.
FVS Cam license	Expansion kit each for 5 cameras	EAN 4010312302019	49,00 €/pc.¹⁾
FVS Client license	to activate one Client only	EAN 4010312311110	79,80 €/pc.¹⁾

FVS-Enterprise



Chargeable wireless visualisation and control software same as FVS Professional, also prepared for connection to a third-party database.

This software is shipped directly by the manufacturer BSC who also provides a support service.

FVS-Enterprise	same as FVS Professional + third-party database	EAN 4010312302026	Price on request
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System Requirements and Performance Features

System requirements for FVS-Home and FVS-Professional

	FVS-Home	FVS-Professional
Processor	Pentium® or AMD® processors of 500MHz or higher or compatible processors	Pentium® or AMD® processors of 500MHz or higher or compatible processors
RAM	Minimum 1 GB	Minimum 1 GB
Free hard disk memory	4 GB	4 GB
Monitor resolution minimum	1024 * 768	1024 * 768
Drives	DVD-ROM	DVD-ROM
Ports	2 free USB ports	1 network port
Operating systems	"Windows XP" SP2, "Vista" (32-bit and 64-bit), "Windows 7" (32-bit and 64-bit) Mac OS 10.x	"Windows XP" SP2, "Vista" (32-bit and 64-bit), "Windows 7" (32-bit and 64-bit) Mac OS 10.x

Performance features for FVS-Home and FVS-Professional

	FVS-Home	FVS-Professional
Number of supported sensors and energy meter transmitter modules	100	250
Number of supported actuators	128	128 per BAP
Number of supported cameras	5	25
Number of supported timers	25	250
Number of supported system functions	5	25
Supports BAP (LAN)	–	unlimited
SQL database in scope of delivery	–	✓
Supports non-proprietary SQL-compatible databases	–	–
Sends text messages/e-mails	✓	✓
Support of FVS-ToGo	✓	✓
Support of Eltako Mobile*	✓	✓
Supports Clients*	✓	✓ (A Client is included in FVS Professional.)
256 bit encryption	✓	✓

*To activate a Client and any additional Client, you require an Eltako Additional License for Clients for each Client.