



WebLinkBox™

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Application

The WebLinkBox™ can be used as interface between F-Central FarmManager and the process computers. Maximum 3 sessions can be active at a time. F-Central for Windows does not support the WebLinkBox™.

The WebLinkBox™ can also form a link between Fancom's Greenlink and internet. Using the WebLinkBox™ the Fancom control computers can be directly located and operated via internet. The WebLinkBox™ itself generates so-called HTML pages, so the WebLinkBox can be directly accessed using a web browser (the main difference between it and the Greenlink box ELT). Only 1 session can be active at a time.

To be able to work with the WebLinkBox, it must be connected to a network.

There are 3 possible situations in which the WebLinkBox can function:

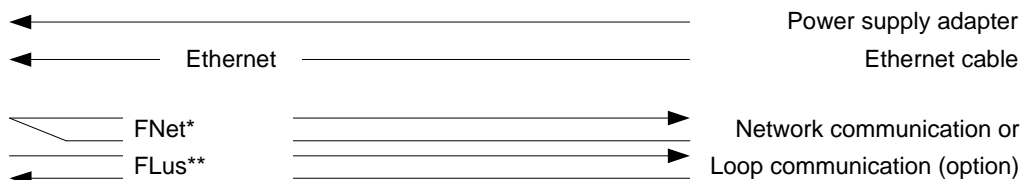
- WebLinkBox is directly connected to the network card on a PC.
- WebLinkBox is included in an existing local network.
- WebLinkBox is included in a local network and accessed via internet.

Features

- The WebLinkBox™ acts as interface between the control computers and the PC, whereby data is exchanged with the PC via ethernet communication. Process computers can be connected to the WebLinkBox™ using FNet or FLoop.
- The Fancom WebLinkBox™ supports F2000 computers (F17, F37, F38, F41, F42, F71, etc.), 700 computers (FSU.4/8, 743, 746, 747, 771, 773, 778, FSUP.1/2, etc) and FC computers.
- The WebLinkBox™ package includes an external power supply with EU or universal adapter, a standard ethernet cable (blue) and a cross-link ethernet cable (yellow).
- If wireless internet is available, the Fancom control computers can also be located and operated from a laptop or PDA. Once a connection has been made via GPRS or UMTS, the Fancom control computers can also be accessed from a smart phone or PDA.
- Internet connection must obviously be provided for the WebLinkBox™ using, for example, a DSL or wideband modem or using the router of your home internet. For security reasons Fancom recommends using a VPN connection.
- A maximum of 30 process computers using Fnet and a maximum of 30 process computers using FLus can be connected per WebLinkBox™.
- Please keep in mind that each section (e.g. from the F21) is considered as a process computer. Also unused sections count. Maximum 50 sections!

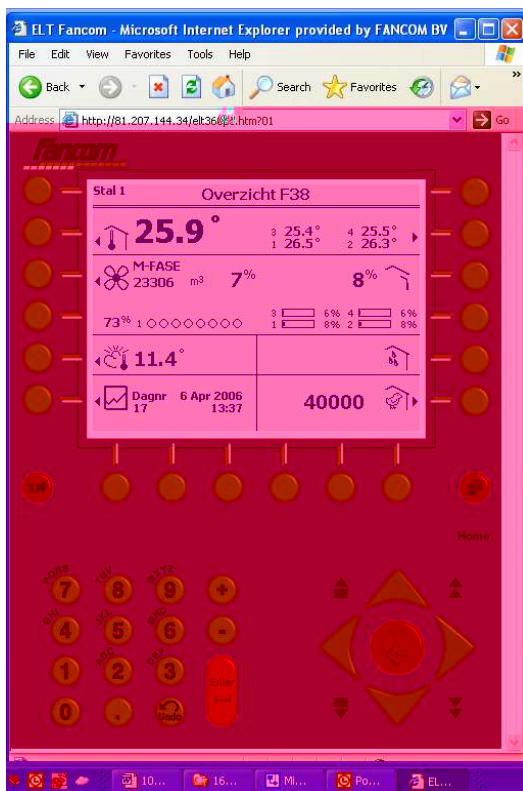


Wiring



* Greenlink: 2 x 0,8 mm² twisted pair
 ** Greenlink: 2 x 0,8 mm² twisted pair, shielded

Web browser on a PC



The Fancom control computers present can be fully operated using a standard web browser, for example, Microsoft Internet Explorer on your PC or laptop.

The screen is identical to the control computer's display and all functions, including navigation keys, wizards and making changes can be activated.



Web Browser on a PDA



NetFront web browser on your PDA enables full operation of all the Fancom control computers present.

The screen is identical to the control computer's display and all functions, including navigation keys, wizards and making changes can be activated.

Web Browser on a smart phone



Fancom control computers can be operated in *NetFront* or *Opera Web* browser on your smart phone.

The screen is identical to the control computer's display and all functions, including navigation keys, wizards and making changes can be activated.

Minimum PDA requirements

To access the WebLinkBox™ using a PDA or smart phone, a number of conditions have to be met:

1. The WebLinkBox™ uses Dynamic internet. The browser used should therefore support Java. Most of the standard web browsers on current PDAs or smart phones do not support Java. Fancom recommends using the *NetFront* <http://www.access-sys-eu.com/netfront.html> or *Opera* program:
 - Screens generated by the WebLinkBox™ fit completely in a high resolution screen (VGA, 640x480 or 480x640). Most PDA screens are still equipped with QVGA (320x240 or 240x320); this is not handy to work with as changing codes requires scrolling. A high resolution screen is therefore strongly recommended.

**Technical specifications****Power supply**

Voltage	5 Vdc ($\pm 3\%$)
Max. current	Max. 500 mA

Ethernet connection

Ethernet 10BASE-T	RJ45
Communication speed	Max. 10Mb

FLoop communication

Distance between two connections	Max. 200 m
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FNet communication

Length FNet with 0.8 mm core diameter	Max. 1200 m
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Housing

Plastic housing with click connection	IP 20
Dimensions (l \times w \times h)	125 x 79 x 22 mm
Weight (unpacked)	610 gram

Ambient climate

Operating temperature range	0°C to +40°C/32°F to 104°F
Storage temperature range	-10°C to +50°C/14°F to 122°F
Relative humidity	< 95%, uncondensed