



# Information - network integration

## Connecting via LAN or WLAN

Solarfox-Displays retrieves the yield data as well as the content of the slide show from a webserver. Therefore, the controlling computer of the display will be connected to a network (either LAN or WLAN). An internet connection is also required.

In order to do so the display contacts the following webserver / IPs:

- 49.13.48.24 Port: 80/443 (HTTP/HTTPS) - Solarshow (compulsory)
- 49.13.28.92 Port: 80/443 (HTTP/HTTPS) - Systemstatus
- 49.13.52.248 Port: 80/443 (HTTP/HTTPS) - Firmwareupdate

In case your responsible network administrator has any questions, please contact us using the contact information below:  
support@solar-fox.com - Phone 06058 91 638 - 10

The display can be operated within the local network using static IP or via a DHCP server (automatically retrieving IP). The system supports most proxy servers.

As part of the data communication accessing the device resp. the controlling computer from outside is not necessary. All substantive amendments are implemented via online account by the server; the display regularly updates the database resp. the content and downloads this data from the webserver.

## Advantages

An internet based data communication offers many advantages compared to a connection which is only locally:

- Energy data and general information can be visualized independent of the location of the equipment.
- The data interface for the respective monitoring system is web based. In case of future updates by the manufacturer (inverter, data logger firmware), the device software does not need to be updated or maintained on side.
- New software features are added from the server side and are automatically available on the display.
- The contents of the Solarfox displays can be administered and changed through a central administration (e.g. marketing department).
- Different generating installations can be visualized on a display regardless of the location of the equipment.
- countless current information from the internet can be displayed: weather forecast, news, etc.
- The display can flexibly be used for own information (e.g. marketing content, memos) as an "innovative notice board".
- All data is saved online. In case of hardware failure, the data can be restored quickly.
- Information regarding network integration
- Safe integration via VLAN