Thermal-Grid.com

Free offer (6 month trial) for Resol DL2 owners:

Thermal-Grid is a Web-base monitoring service for installers, building owners and program managers to remotely oversee and manage solar thermal systems.

View the demo with Firefox or Chrome browsers. Internet Explorer 9 or 10 works but earlier IE browsers do not handle the graphics and are no longer supported by Microsoft.

www.thermal-grid.com
Username= Demo
Password= 123

See instruction: quick start 1 page version
Full 13 page version

If you would like to upgrade your DL2 and add Thermal-Grid software to the Resol DL2(Ver. 1.45 or 1.46) please continue. **Note: This Version of Thermal-Grid is NOT for the DL2 V. 2.0)**

Installation guideline:
Thermal-Grid Web-based monitoring requires a live wired Internet connection* and a device, in this case the DL2, that can deliver your systems data to our server.
These instructions allow you to upgrade the Resol DL2 to a Thermal-Grid Enhanced DL2, enabling access of monitoring services from your browser anywhere on the WEB.

We need to identify your DL2 and your site information.
Fill in the MAC address (unique) of your DL2: _____
The MAC address can be found either by using Resol's Discovery Tool or by inserting a SD card in the DL2. Follow Resol's instruction to download DL2 data on to a SD card. The file name includes the MAC address.

Next Steps: - Please fill out as much as the following information as possible so that we may accurately develop a monitoring page for your site. Please attach a schematic if possible. If information does not fit into the lines below, please add lines or pages as needed.

You may also download the form here: DL2 Installer Sensor Mapping Form (DOC)
Or fill out online here: https://thermal-grid.com/form.php

We do not sell or publish personal data. You remain the owner of your data, but we do retain the right to use aggregate data without personal identifiers in order to compare performance and system operations of various system. Manufacturers, product models, and installers are identified when possible, but personal information like names and residential addresses, while collected for billing purposes are kept off the sites.

Note: Names and email address are so we can create user accounts. Addition accounts can be added later.

Installer Name: _____
Installer E-mail: _____
Installer Phone: (_____) - _____
Site Owner Name: _____
Site Owner E-mail: _____
City and State, or Zip Code of Site: _____

Site Owner Phone: (_____) - _____
Suggested Name of Site: _____
Is this system enrolled in an incentive program that requires data reports?
If yes, what program (registration number)?_____(_____)
Contact who should have access to this site's data:_____

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System Description

Collectors Make/Model: _____
Number of Collectors: _____ Collector Type (Flat Plate, Tube, etc.): _____
Tilt Angle: _____ Azimuth (Degrees From True South): _____
System type: (Closed loop, Drain-back, Steam Back, other) _____
If P-Glycol Used in Collector Loop, Brand: _____ P-Glycol Percentage: _____
Collector Loop Pump (Make/Model): _____
Multispeed Pump (Yes / No): If Yes, to what speed is the pump set? _____
Max Flow through collector loop: (gpm) _____

Solar Storage Tank Make/Model: _____
Storage Tank Capacity: _____ gallons Number of Tanks: _____

Type of Backup used (electric, natural gas, oil, etc): _____
Building Type (residential, commercial, other): _____

Controller (Make/Model): _____
Controller System Arrangement: _____
Sensors Used: Enter Location of sensor Additional Sensors Here
S1: Collector Temp _____ R1: Collector Loop Relay_____
S2: Tank Bottom _____ R2: _____
S3: _____ _____
S4: _____ _____
S5: _____ _____
_____
_____
_____
CS10 Irradiation Sensor: (Yes / No) Choose one. CS10 Type (A-K): _____

Pulse Flow Meters:
V40 or other: (Yes / No) Meter Location: _____ Liters per pulse: _____
Grundfos Direct Sensors
VFS: (Yes / No) Location: _____ Size (Liter/minute): _____
RPS: (Yes / No) Location: _____ Size: (Bars) _____

How Many Heat Metering Calculations (OHQM/WMZ) Circle: Enabled (No, 1, 2, more)

Notes/Additional Information: (add lines)

Schematic or system drawing (add line or attachments welcome) :

Footnotes: * "live wired Internet connection" can be defined as access to the Internet using an Ethernet connection such as a port on a router or switch where a user could plug a computer in and browse the Internet. Most routers come (out of the box) with outgoing ports open. If you have specific network settings that limit access, there may need to be an exception made allowing the DL2 to send data out. More details may be found in the full installation manual.