

Heatmiser Netmonitor v3

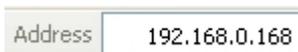
User Guide

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1 Logging in to your Netmonitor

From within your Local Network

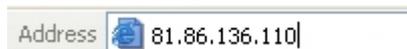
You should open your internet browser and enter the IP address of your Netmonitor



Address 192.168.0.168

From over the Internet

You should open your internet browser and enter the WAN IP of your router. If you are unsure what this is, you need to contact your ISP.



Address 81.86.136.110

We assume that you have set-up your router for Port Forwarding (See Initial Setup) If you have configured this correctly, you should see the Netmonitor Login Screen.

Default Settings

User Name: admin

Passcode: admin

To ensure the security of your system, we recommend you set your own username/password.



heatmiser

Username

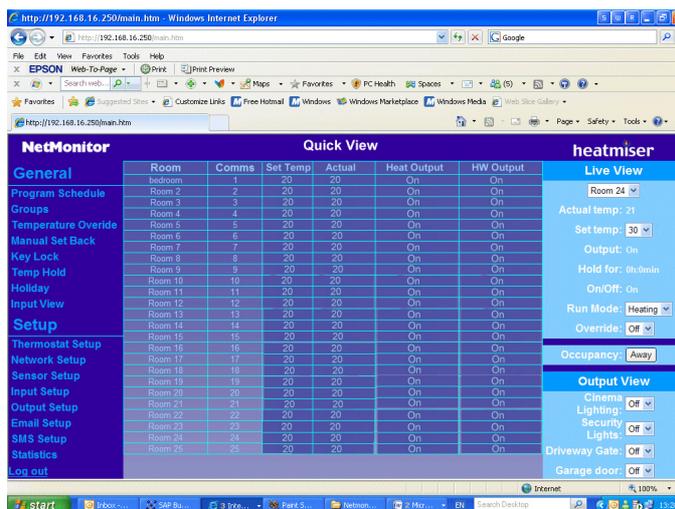
Password

Login

2. Quick View

When you have logged into your Netmonitor you will be presented with a Quick view screen like shown here.

Here you can see the Room Name, Comms Number, Set and Actual Temperature and Heat and HW output



NetMonitor Quick View

Room	Comms	Set Temp	Actual	Heat Output	HW Output
Endroom	1	20	20	On	On
Room 2	2	20	20	On	On
Room 3	3	20	20	On	On
Room 4	4	20	20	On	On
Room 5	5	20	20	On	On
Room 6	6	20	20	On	On
Room 7	7	20	20	On	On
Room 8	8	20	20	On	On
Room 9	9	20	20	On	On
Room 10	10	20	20	On	On
Room 11	11	20	20	On	On
Room 12	12	20	20	On	On
Room 13	13	20	20	On	On
Room 14	14	20	20	On	On
Room 15	15	20	20	On	On
Room 16	16	20	20	On	On
Room 17	17	20	20	On	On
Room 18	18	20	20	On	On
Room 19	19	20	20	On	On
Room 20	20	20	20	On	On
Room 21	21	20	20	On	On
Room 22	22	20	20	On	On
Room 23	23	20	20	On	On
Room 24	24	20	20	On	On
Room 25	25	20	20	On	On

heatmiser Live View

Room 24

Actual temp: 21

Set temp: 30

Output: On

Hold for: 0h:0min

On/Off: On

Run Mode: Heating

Override: Off

Occupancy: Away

Cinema Lighting: Off

Security Lights: Off

Driveway Gate: Off

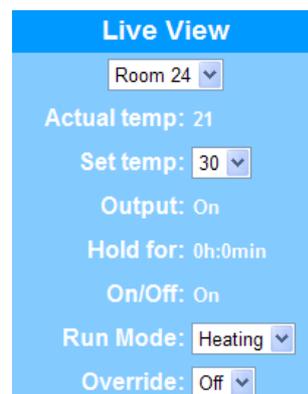
Garage door: Off

3. Live View

The Live View allows you to quickly see the status of any thermostat connected to your Netmonitor. The Live View is a separate frame that can be refreshed independently from the main screen.

You can see the Actual and Set temperature, the Output status and which mode the heating is in (Home/Away/Holiday)

In the Live View, you can set the run mode between Heating and Frost. In frost mode, the thermostat will maintain the frost setback temperature (see the thermostat manual for details on how to set the frost temperature)



Occupancy - Home/Away Function

Going Away? The Netmonitor has a function that allows you to place your entire system into Away mode. In this mode, the thermostat will switch into Holiday mode and will stay in this mode until you cancel it. In this mode, the heating will maintain the frost setback temperature and the hot water will turn off.



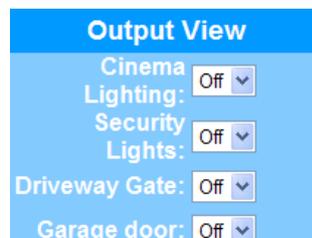
To enable the Away function – click Away

Arrived Home? When you arrive home - press "Home". This will cancel the away mode and will switch the thermostats back to their programmed setting.

If you have a Touchpad on the same system, you can enable or disable the Home/Away function on either the Touchpad or Netmonitor.

Output View

The Output View displays the status for each output. Using the pull down menu you can change the output for each output.



3. Program Schedule

Pressing Program Schedule allows you to program the comfort levels / switching times for each thermostat connected to your Netmonitor.

The Program Schedule view will change depending on the thermostat being controlled.

Weekday select: Here you can select between Weekday/Weekend or each day of the week. The mode will have been setup on the thermostat.

Room Select	Room 5	Copy
Weekday Select	Weekday	
Heating Program Schedule(step=30 min)		
Wake	Time 07.00	Set Temp 22
Leave	Time 09.00	Set Temp 30
Return	Time 16.00	Set Temp 22
Sleep	Time 23.00	Set Temp 15
Save		

You can then program the desired comfort levels by programming a time and a desired temperature.

If the thermostat being controlled is a timeclock or a PRTHW (Heating / Hotwater model) then you can program the switching times as shown.

Time 1	On 08.00	Off 09.30
Time 2	On 11.00	Off 13.00
Time 3	On 15.00	Off 20.00
Time 4	On 22.00	Off 23.30
Save		

Copy Function

Pressing Copy will allow you to copy the switching times from one thermostat to other individual thermostats or to a group of thermostats.

To copy to other individual thermostats, simply tick the thermostats you want to copy to and then press submit.

To copy to a group of thermostats, select the group in the pull down list and then press submit. (See Groups for more information on adding or deleting groups).

Groups		
Group Select	7 Day Stats	Submit
Rooms		
<input type="checkbox"/> bedroom	<input type="checkbox"/> Room 2	<input type="checkbox"/> Room 3
<input type="checkbox"/> Room 4	<input type="checkbox"/> Room 5	<input type="checkbox"/> Room 6
<input type="checkbox"/> Room 7	<input type="checkbox"/> Room 8	<input type="checkbox"/> Room 15
<input type="checkbox"/> Room 16	<input type="checkbox"/> Room 17	<input type="checkbox"/> Room 18
<input type="checkbox"/> Room 19	<input type="checkbox"/> Room 20	<input type="checkbox"/> Room 21
<input type="checkbox"/> Room 22	<input type="checkbox"/> Room 23	<input checked="" type="checkbox"/> Room 24
Submit		

4. Groups You are able to create up to 5 groups within Netmonitor. Groups provide a much easier method of copying data between a set of thermostats. For example, you may want to group the bedrooms as 1 group and the living/dining areas as another.

To create a group follow these steps;

- Press Groups
- Press Add/Delete Groups
- You can now enter the name for the new group.
- Tick enable and press Save
- You now need to tick the rooms which belong to this group.
- Press Save

Index	Group Title	Enable
1	Bedrooms	<input type="checkbox"/> Enable
2		<input type="checkbox"/> Enable
3		<input type="checkbox"/> Enable
4		<input type="checkbox"/> Enable
5		<input checked="" type="checkbox"/> Enable

To delete a group follow these steps;

- Press Groups
- Press Add/Delete Groups
- You can delete the title and remove the tick in the enable box.
- Press Save

5. Temperature Override The temperature override function allows you to set a desired temperature and apply it to individual rooms or an entire group. Each room selected will maintain this new temperature until the next programmed comfort level.

6. Manual Setback The manual setback function allows you to place individual rooms or an entire group into manual setback mode. Each room selected will maintain the frost temperature setting programmed within the each thermostat.

To enable manual setback, follow these steps

- To set individual rooms into setback mode, simply tick the rooms and then press submit.
- To set a group of rooms into setback, select the group in the pull down list and then press submit. (See Groups for more information on adding or deleting groups.

Groups

Group Select: 7 Day Stats

Rooms

<input type="checkbox"/> bedroom	<input type="checkbox"/> Room 2	<input type="checkbox"/> Room 3
<input type="checkbox"/> Room 4	<input type="checkbox"/> Room 5	<input type="checkbox"/> Room 6
<input type="checkbox"/> Room 7	<input type="checkbox"/> Room 8	<input type="checkbox"/> Room 15
<input type="checkbox"/> Room 16	<input type="checkbox"/> Room 17	<input type="checkbox"/> Room 18
<input type="checkbox"/> Room 19	<input type="checkbox"/> Room 20	<input type="checkbox"/> Room 21
<input type="checkbox"/> Room 22	<input type="checkbox"/> Room 23	<input checked="" type="checkbox"/> Room 24

7. KeyLock

The KeyLock function allows you to lock the thermostats in individual rooms or an entire group.

To enable keylock, follow these steps

- To lock individual, simply tick the rooms and then press submit.
- To lock a group of rooms, select the group in the pull down list and then press submit. (See Groups for more information on adding or deleting groups.

The screenshot shows a web interface for KeyLock. At the top, there is a 'Groups' section with a 'Group Select' dropdown menu set to '7 Day Stats' and a 'Submit' button. Below this is a 'Rooms' section with a grid of checkboxes for rooms: bedroom, Room 2, Room 3, Room 4, Room 5, Room 6, Room 7, Room 8, Room 15, Room 16, Room 17, Room 18, Room 19, Room 20, Room 21, Room 22, Room 23, and Room 24. The checkbox for Room 24 is checked. A 'Submit' button is located at the bottom right of the room grid.

8. Temperature Hold

The temperature hold function allows set a desired temperature and hold duration and apply it to individual rooms or a group.

To use temperature hold, follow these steps

- To hold the temp in individual rooms, simply tick the rooms and then press submit.
- To hold the temp for a group, select the group in the pull down list and then press submit. (See Groups for more information on adding or deleting groups.

The screenshot shows a web interface for Temperature Hold. At the top, there is a 'Groups' section with a 'Group Select' dropdown menu set to '7 Day Stats', a 'Submit' button, and two input fields: '15' for duration and '02' for hours. Below this is a 'Rooms' section with a grid of checkboxes for rooms: bedroom, Room 2, Room 3, Room 4, Room 5, Room 6, Room 7, Room 8, Room 15, Room 16, Room 17, Room 18, Room 19, Room 20, Room 21, Room 22, Room 23, and Room 24. The checkbox for Room 24 is checked. A 'Submit' button is located at the bottom right of the room grid.

9. Holiday Mode

The Netmonitor allows you to program a holiday period. This will switch the heating and hot-water off (maintaining frost protection) until the programmed return date. You can also program the holiday from the Touchpad, and in this case you will see the programmed return time and date on the Netmonitor.

To cancel the holiday, you would press Home on the Netmonitor or Touchpad.

The screenshot shows a web interface for Holiday Mode. It features four input fields: 'Start Time (hh.mm)' with value '12.19', 'Start Date (dd.mm.yy)' with value '06.01.09', 'Return Time (hh.mm)' with value '09.26', and 'Return Date (dd.mm.yy)' with value '11.01.09'. At the bottom, there are three buttons: 'Away', 'Home', and 'Submit'.

10. Input View

The Netmonitor allows you to program a holiday period. This will switch the heating and hot-water off (maintaining frost protection) until the programmed return date. You can also program the holiday from the Touchpad, and in this case you will see the programmed return time and date on the Netmonitor.



11 Text Message Functions (Netmonitor + Only)

Global SMS Commands	
SMS Message	Example
Sensors	A Text message is returned displaying the 6 sensors readings
Inputs	A Text message is returned to you displaying the status of the 6 inputs
Outputs	A Text message is returned displaying the status of the 6 outputs
Away	Places your system into Away Mode
Home	Places your system in to Home Mode
Value xx	All stats are sent a new Set Temp (xx) A confirmation SMS message is returned
Network	An SMS Message is sent to you indicating the IP/Username/Passcode of your Netmonitor

Individual SMS Commands	
SMS Message	Example
Stat xx	Stat xx will reply with the full status information
Set Stat xx Temp xx	Set Stat 01 Temp 20 (Stat 01 will maintain 20)
Set Stat xx Timer On	Set Stat 01 Timer On (Stat 01 Timer On Mode)
Set Stat xx Timer Off	Set Stat 01 Timer Off (Stat 01 Timer Off Mode)
Set Stat xx Hw On	Set Stat 01 Hw On (Stat 01 HW Turned On)
Set Stat xx Hw Off	Set Stat 01 Hw Off (Stat 01 HW Turned Off)
Set Output x On	Set Output 1 On (Turn Output 1 On)
Set Output x Off	Set Output 1 Off (Turn Output 1 Off)

Pay as You Go SIM Card

- Mobile phone companies require Pay as You Go customers to send at least one text message every 80 days in order to keep their connection open. As it is likely Pay as You Go SIM cards will primarily be used in the Netmonitor +, we have added a function where the Netmonitor will send a message to you every 80 days. The Netmonitor will send the "Network" message, see below for details.