

## THG AreaView – technical data

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### Measurement Area:

Size: 400 x 400 x 3 mm (24 sensors)  
Weight: appr. 320 g  
Number of sensors: 24 or 31 (500 x 600 x 3 mm)

### Relative Humidity RH:

Measurement range: 0 % RH to 100 % RH, fully dewable  
Accuracy:  
0 % RH – 10 % RH ± 3 % RH  
10 % RH – 90 % RH ... ± 2 % RH  
90 % RH – 100 % RH ± 3 % RH  
Resolution: 0,02 % RH  
Hysteresis: ± 0,5 % RH  
Long time stability: < ± 0,5 %/a at 50 % RH and 20° C  
Response time: < 4 sec

### Temperature T:

Measurement range: - 40° C - + 120° C  
Accuracy:  
- 40° C – 0° C ± 1,5° C  
0° C – 40° C ± 0,5° C  
+ 40° C – 80° C ± 0,8° C  
+ 80° C – 120° C ± 2,0° C  
Resolution: 0,009° C  
Hysteresis: ± 0,2° C  
Response time: < 30 sec

### Data logger:

Size: 106 x 57 x 22 mm  
Weight: appr. 95 g  
Memory capacity: appr. 200,000 values  
Interface: USB 2.0  
Power supply: Li ION 3,7 VDC/1200mAh  
Power input: charging max. 500 mA operating < 1 mA  
Protection class: IP64

### System requirements for Software:

Plattform: IBM compatible PC  
Operating System: Win 98/Me and NT 4.0/2000/XP  
CPU: min. 400 MHz  
RAM: min. 64 MB  
Memory: min. 30 MB  
Interface: USB 2.0  
Additional Software Applications: MS Excel 2000 or higher