

THG AreaView – technical data

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