



<b>Product Name</b>	GAOTek Digital Anemometer
<b>Product SKU</b>	GAOTek-ATI-129
<b>Product URL</b>	<a href="https://gaotek.com/product/gaotek-digital-anemometer-2/">https://gaotek.com/product/gaotek-digital-anemometer-2/</a>

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Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experience.



## Table of Contents

1. Characteristics .....	3
1.1 Handset .....	3
1.2 Software (only GLZ-B/C available) .....	4
2. Technical Parameter .....	5

## GAOTek Digital Anemometer



### 1. Characteristics

#### 1.1 Handset

- Small and exquisite, easy to carry and LCD display;
- Collect settings: working unattended can be set to timing or manual collect data, recording and save data automatically;
- Both AC and DC available, internal lithium battery: 8.4V 1500mAh, with function: charging protection, low voltage prompt. Also can be placed for a long time to record location;
- Storage capacity: up to 30,000 groups in handset, and standard equipped with 4G Micro SD.
- Data can be read on the handset and also imported to the PC. (only GLZ-B/C available)



- Power-off memory function: data already saved in the SD card won't lose when lose power.
- Probe to probe Consistency, the handset can connect different kinds of sensors by concentrator.
- without influence on accuracy.
- Auto-detection: when the sensor connects to the handset, you can search for different sensors.
- Low-power design, equipped with system monitor and protection function to avoid short circuits or interference from external.

#### 1.2 Software (only GLZ-B/C available)

- Showing the curve trends of each parameter, Max, Min, and Avg. Zoom in and out function.
- Coloring the overrun area function, which it is visual display.
- Save the data in EXCEL format as a copy.
- Be able to view period of parameter or graph, and can be printed.
- All curvilinear coordinates can be set and move, which make analysis easier.



## 2. Technical Parameter

Parameter	Technical Parameter	Range	Accuracy	Resolution
<b>Storage Capacity</b>	Data-collection Interval	Almost up to 30,000 groups in handset and standard equipped with 4G Micro SD	N/A	N/A
<b>Data-collection Interval</b>		5min~99hour	N/A	N/A
<b>Working Power Supply</b>		8.4V lithium battery	N/A	N/A
<b>Temperature</b>		-40°C - 80°C	±0.4°C	0.1°C
<b>Humidity</b>		0-100%RH	±3%RH	0.1%RH
<b>Dew Point</b>		-40°C - 120°C	±0.4°C	0.1°C
<b>Soil Salinity</b>		0-19.99ms/cm	±2%	N/A
<b>Soil Compaction</b>		0-100kg	±0.5‰ F.S	N/A
<b>PAR (Photosynthetically Active Radiation)</b>		1-2,700 $\mu\text{molm}^{-2}\text{s}^{-1}$	±1 $\mu\text{molm}^{-2}\text{s}^{-1}$	1 $\mu\text{molm}^{-2}\text{s}^{-1}$
<b>Wind Direction</b>		0-359°	±3°	N/A
<b>Air Pressure</b>		300.0hPa~1100.0hPa	±1hPa	N/A
<b>Water Vaporization</b>		0~100mm	0.1mm	N/A
<b>Rainfall</b>		0-4mm/min	±0.1mm	0.1mm
<b>CO2</b>		0-2000PPM	±(50PPM+3% of reading)	1PPM
<b>Light Intensity</b>		0-200000LUX	±2% (0-20000lux)	1LUX
<b>Soil Temperature</b>		-40°C-100°C	±0.3°C	0.1°C
<b>Soil Moisture</b>		0-100%	±3%	0.1%
<b>Soil pH</b>		1-14pH	±0.5	N/A
<b>Wind Speed</b>		0-45m/s	±(0.3+0.03v)m/s	N/A
<b>Total Radiation</b>		0-2000W/m <sup>2</sup>	7-14uv/W·m <sup>2</sup>	N/A
<b>UV Radiation</b>		0~6mW/cm <sup>2</sup>	±5% (0~3mW/cm <sup>2</sup> )	N/A

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