

Datasheet

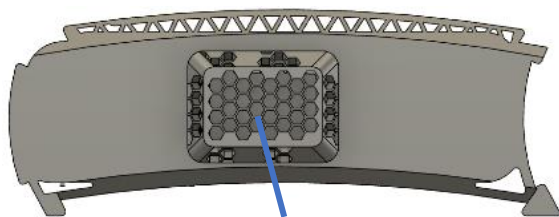
Qosain Scientific PhysHygro

Introduction:

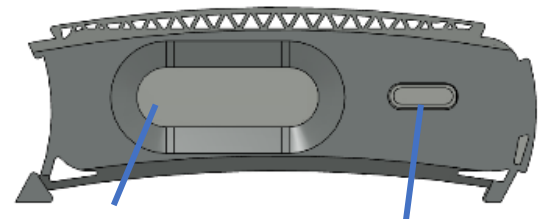
PhysHygro can perform both, single or continuous measurements of ambient temperature and relative humidity over a wide range with notable accuracy. An LED digital readout means it can be used as a standalone sensor too. Coupled with PhysCloud, PhysHygro can also prove to be a powerful remote environmental monitoring device!

Typical Applications

- Monitor ambient conditions in labs, industry, workplaces, etc.
- Determine correlation between humidity and weather conditions
- Explore meteorology principles
- Track and maintain the environment of a greenhouse



Air Crossing



OLED Display

USB-C Receptacle

Features:

- PhysInstrument Class: Digital
- Sampling frequency: 0.5 Hz
- Connects with PhysLogger
- No configuration required
- LED digital readout

Specifications:

- Range:
 - Relative humidity: 0 to 100%
 - Temperature: -40 °C to 80°C
- Accuracy
 - Relative humidity: 2–5%
 - Temperature: $\pm 0.5^{\circ}\text{C}$
- Resolution
 - Relative humidity: 1%
 - Temperature: 0.1°C
- Sensor: DHT22

Resources

- Instrument URL:
www.physlogger.com/PhysHygro.html
- Discussion:
www.community.physlogger.com/c/p/hysinstruments/physhygro/54

