

# DTU Smart Library: Data catalogue - overview

## AirWits sensor:

These sensors measure temperature, humidity, and CO2 levels and cover all 27 zones of the library from the ground floor to the 2nd floor. The data is collected in the library's IoT platform and is available as historical and live data.

**The earliest data point is from 23. August 2021 kl 02:00:37**

## Ambinode:

Ambinode collects data on temperature, humidity, CO2, and the levels of 2.5 and 10 micron particles in the air. Ambinode sensors are installed in all 27 zones of the library. The data is collected in the library's IoT platform and is available as historical and live data. ambinode:

**The earliest data point is from 10. February 2022 08:30:05**

## Axis Camera:

The table provided contains telemetry data collected from Axis cameras installed at the DTU Library in Denmark. The cameras count the number of people entering and exiting the library and the data is stored in the library's IoT platform. The table has the following columns:

**The earliest data point is from 1. January 2021 07:00:00**

## Desk occupancy:

The table provided contains data collected from desk occupancy sensors installed in the reading area on the second floor of the DTU Library in Denmark. The sensors detect whether individual desks are occupied or available, and the data is stored in the library's IoT platform. The table has the following columns:

**The earliest data point is from 21. December 2022 11:29:27**

## Roede Microphone:

The table provided contains telemetry data collected from Røde microphones installed in all 27 zones of the DTU Library in Denmark, from the ground floor to the 2nd floor. The microphones record and store sound levels in the respective zones, rather than actual sound recordings. The data is stored in the library's IoT platform and is available as historical and live data. The table has the following columns:

**The earliest data point is from 10. February 2022 06:52:43**