



Inroom Data Logger for measurement of temperature, relative humidity and CO2 (Indoor Air Quality), made in Germany!

- **Parameters measured**

Temperature, Relative humidity, CO2

- **Measurement technology**

Temperature / NTC, Humidity / Capacitive, CO2 / NDIR

- **Product highlights**

LAN datalogger with built-in sensors and the highest precision! Firmware online updatable

- **Interfaces**

USB (Cable and Monitoring Software SmartGraph3 included)

- **Article number**

8120.20, 8120.20N, 8120.21, 8120.21N

The only LAN datalogger with built-in sensors and the highest precision! Firmware online updatable. The Opus20 runs on batteries or powered via USB. Alternatively, you have the possibility to power the device via POE (Power over Ethernet).

IMPORTANT: OPUS 20 TCO is discontinued

General

| | |
|--------------------|---|
| Dimensions | 166 x 78 x 32 mm |
| Measuring interval | 10/30 s, 1/10/12/15/30 min, 1/3/6/12/24 h |

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Technical Data

OPUS 20 TCO - discontinued



| | |
|-----------------------------|--|
| Construction | Plastic housing |
| Operating time with battery | > 4 month |
| Data storage | 16 MB, 3,200,000 measured values |
| LC-Display | Height 90 x 64 mm |
| Weight | Approx. 250 g |
| Included in delivery | PC - Windows Software SmartGraph 3 for graphical and numerical representation of measured values / instruction manual / data cable / battery / DIN rail bracket |
| Interface | USB, LAN |
| Storage interval | 1/10/12/15/30 min, 1/3/6/12/24h |
| Power supply | 4 x LR6 AA Mignon, USB |
| Operating temperature | -20...50 °C |
| Operating rel. humidity | 0...100 % RH, < 20 g/m ³ (non - condensing) |
| Max. height | 10,000 m above sea level |

Temperature

| | |
|-----------------|---|
| Principle | NTC |
| Measuring range | -20 ... 50 °C |
| Unit | °C |
| Accuracy | ±0.3 °C (0...40 °C), otherwise ± 0.5 °C |
| Resolution | 0.1 |

Relative humidity

| | |
|-----------------|----------------|
| Principle | Capacitive |
| Measuring range | 0 ... 100 % RH |
| Unit | % RH |
| Accuracy | ±2 % RH |
| Resolution | 0.1 |

CO2

| | |
|-----------------|--|
| Principle | NDIR |
| Measuring range | 0 ... 5000 ppm |
| Unit | ppm |
| Accuracy | ± 50 ppm +3 measured values (at 20 °C and 1,013 mbar) |
| Resolution | 1 ppm |