



For climate monitoring in buildings and the control of all climate-sensitive production processes

- **Parameters measured**
Temperature & Relative humidity
- **Measurement technology**
Temperature / NTC, Humidity / Capacitive
- **Product highlights**
LAN datalogger with built-in sensors and highest precision, evaluation software SmartGraph3 included
- **Interfaces**
USB (Cable and SmartGraph3 monitoring software included)
- **Article number**
8120.00, 8120.00N, 8120.01, 8120.01N

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).

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
Construction	Plastic housing
Operating time with battery	> 1 Year

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, 1/3/6/12/24 h
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