



## Typical Applications

**museums**  
**exhibition spaces**  
**clean rooms**  
**green houses**  
**warehouses**

## Features

**data memory for 120,000 values**  
**large format display**  
**easy installation and service**  
**user friendly data evaluation via PC-software**  
**humidity range 10...95%RH**  
**temperature range -20...50degC**

## Technical Data

### Measuring values

#### Relative Humidity

Sensor type	E+E capacitive humidity sensor HC-series
Measuring range / accuracy	10...95%RH / ±3%RH
Resolution	0.5%RH

#### Temperature

Sensor type	NTC
Measuring range	-20...50degC
Accuracy	±0,3degC over 0...40degC, ±0,5degC over -20...+50degC
Resolution	0.1degC

### General

Supply voltage	3.6V Lithium battery		
Battery lifetime	2 years (typical)		
Internal memory size	60,000 measured values/channel (total 120,000 values)		
Sampling interval	1/10/30sec / 1/10/12/15/30min / 1/3/6/12/24hrs		
Logging interval	1/10/12/15/30min / 1/3/6/12/24hrs		
Serial Interface	RS232		
Working temperature range	-20...50degC		
Working humidity range	0...95%RH (non condensing) or 30g/m <sup>3</sup>		
CE compatibility according	EN50081-2	EN50082-2	EN55011
	EN61000-4-2	EN61000-4-3	
Housing / protection class	ABS / IP40		
Dimensions (WHD)	115x110x25mm		
Weight	250g		
Display	LCD, 65x40mm		



### Scope of Supply

HUMLOG 10
RS232 Interface cable
3.6V Lithium battery
SmartGraph™2 PC-Windows™-Software for set-up and data presentation
Operation manual

## Order information

DATA LOGGER		Attachement	
HUMLOG 10	(HUMLOG10)	SmartGraph™2 Professional	(HA 03 01 01)
		3.6V Lithium battery	(HA 03 01 02)
		Sensing module	(HA 03 01 03)
		theft-proof installation kit	(HA 03 01 04)

Upon request: HUMLOG 10 with external humidity and temperature sensing probe