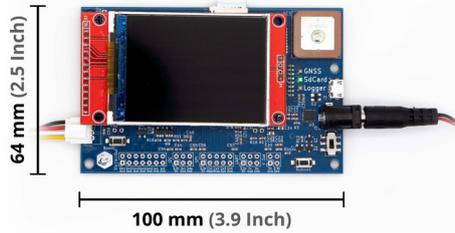
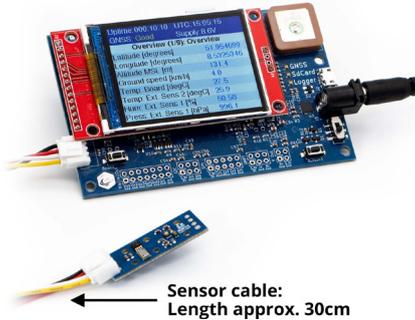


Datalogger STRATO4 - Data sheet



The battery-powered Datalogger STRATO4 measures and stores various data such as GPS coordinates, altitude, temperature, air pressure, humidity as well as UV radiation and light intensity.


MADE IN GERMANY

Article description	Datalogger STRATO4	
Serial Number	100900	
Model	STRATO4 V1.3	
Dimensions	100 x 64 x 12 mm (3.9 x 2.5 x 0.5 Inch)	
GPS accuracy	5m (16,4 ft)	Sensor: u-blox MAX-8C
Maximum altitude	50,000 m (51 mi)	
Temperature measuring range Ext.	-55°C to + 85°C (-67°F to 185°F)	Sensor: NPX - LM75B
Temperature measuring range Int.	-40°C to + 85°C (-40°F to 185°F)	
Pressure range	10 to 2.000 mbar	Sensor: Amsys - MS8607
Humidity range	0 to 100%	
UV radiation measuring range	UVA: 355nm - UV 1 - UV 11	Sensor: Vishay - VEML3328
Infrared measuring range	max. 25.165 Lux	
Light intensity white, red, green, blue measuring range	max. 25.165 Lux	
Recording rate	0,5 Hz	
Power supply	5V-12V, battery 9V, USB	
Running time at room temperature	approx. 40 hours (with 9V battery)	
Weight	72g (2.5oz) / 116g (4.1oz) (with battery)	
Storage temperature	-40°C bis +55°C	
Operating environment	-10°C bis +55°C	
Scope of delivery	Datalogger STRATO4 incl. data cable with sensor board; manual as PDF document; 32GB SanDisk MAX ENDURANCE micro SD card	
Manufacturer	Stratoflights GmbH & Co. KG	

