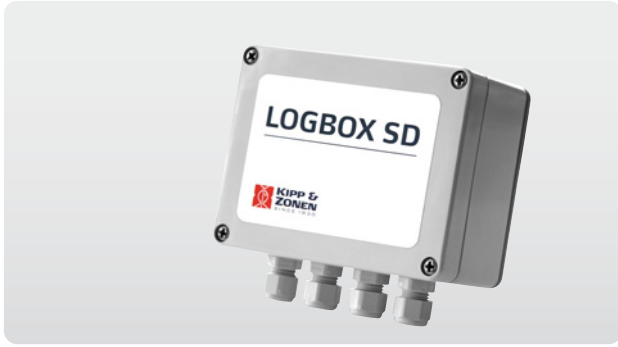


# LOGBOX SD



**LOGBOX SD** is an 8 channel data logger that allows connection to multiple instruments at the same time. Each input can convert measured values into the correct engineering units. The data is stored on the internal 128 kB memory or the 512 MB SD memory card that is included as standard.

The 24 bits, high resolution, differential analog inputs can be easily configured for all our instruments, including the Pt-100 and 10K thermistor temperature sensors fitted to many of our models. Four digital inputs are available for measuring time or frequency, or as counter inputs.

LOGBOX SD has an IP 65 weatherproof enclosure and wide operating temperature range from -40 °C to +60 °C. The state of the art design consumes so little power that it will run for months on the four internal AA type batteries. The wide power supply operating range makes it possible to use solar panels or other external DC power sources.

The included user-friendly computer software to make configuration and data download fast and simple, using RS 232 or RS 485 serial communication. All Kipp & Zonen radiometer settings are pre-defined and can be selected from a pull-down list. LOGBOX SD is supplied with a mounting bracket for easy fixing to masts up to 50 mm diameter.

## Specifications

Analog inputs	8 single-ended, or 3 differential + 2 single-ended, or combinations
Accuracy	0.05 % for 24 bits resolution
Input ranges	± 20 mV to ± 2.5 V (24 bits) 0 to 3 V (12 bits)
Digital inputs	4, maximum input 15 Volt
Operating temperature range	-40 °C to +60 °C
Power supply	4 x AA type bateries (included) or 4 to 20 V DC/7 mA
Power consumption	1.7 mA typical during measurement
Communication interface	RS 232 and RS 485, RS 232 cable included
Internal memory	128 kB
Memory card	SD, 512 MB (included)
Environmental protection	IP 65
Software, Windows™	Configuraton, data download, graphical display

### Article

LOGBOX SD Data Logger

### Part number

3303090