Technical Data		
General:		***Wind logger W1323***
	• Input chanals	3 x Wind speed, 2 x Wind direction, 3 x Analog Inputs,
Housing:	• protection	Plastic ABS, splash-proof IP65, connectors IP 67
	• dimension	H200xB120xT95mm
	• weight	Approx .1,2 kg
	• connectors	Binder series 680/723
Power supply:	• internally	3 Alkaline battery 1,5 V Building size D (Mono)
	• external	5V to 20 V battery charger or solar panel
	• Standby	Approx.8µA
	• Measurement	10 -14 mA, max. 25 mA
Battery life		approx. 5 months
Memory		Ring memory, EEPROM memory (data receipt without buffer battery), optionally Multmediakart
Memory capacity		2 Mbyte
Operating range:	• Operating	-30° C …. +60° C
temperature		-40° C …. +80° C
	• Storage	
temperature		
Clock		Real-time clock buffered
	• Precision	-10°C … +50°C < 1 Minutes/Month
Data output:		1 x 16 LCD live Measurement
		extended temperature range
Connection to the PC		Serially R-S 232, 115000 kBaud, 8 bits, N parity, 1 stop bit
Impulse canals:	• TTL	2… 1700 Hz Resolution 0.1 Hz.
	• Measuring range	0.2…75 m/s Resolution 0.1 m/s
Analogue inputs		0…5V voltage output (temperature, Humidity)
	• Resolution	
	• Input impedance	12 Bit <µ50V
		> 1 M Ohm
Wind Direction:	• Analog Inputs	0…5 V for wind direction givers with potentiometer output
	• Reference-voltage	
	• Measuring range	2,5 V < 20 ppm.
	• Resolution	0….360 Degree
		12 Bit < 1 mV
Open-Drain:		Open collector output 12 V 0.1 A (Open-Drain for the control of GSM- Modem)
Measuring interval		1s… 24h
Storage interval:		1s… 24h
Communication Software:		**WindCom** for the selection of the stored measuring data and configuration of the Date loggers
Evaluation software		**WindAnalysis**