

Weather Station CaipoBase



Battery	6 V, 4.5 Ah Valve regulated lead-acid battery
Solar panel	149 x 199 x 3.2 mm, 1.08 W
Power consumption in sleep mode	50 μ
Temperature range	-30°C ÷ +50 °C
Dimensions of main unit	130x150x120mm
Operation without sun light with communication	>1 month
Operation without sun light without communication	>3 months
Flash memory	4Mb (up to 2 years of data)
GSM module	Sierra Wireless GPRS quad band
Max. number of directly connected sensors	32
Max number of wireless sensors	64 (16 nodes x 4 sensors)
Approximate GSM data transfer volume ¹	20 Mb per month with hourly data logging
Interfaces	1 x USB, 2 x RS232, 1 x RS485, 1 x SDI-12, 1 x Rain Gauge, 1 Counter

¹ Information is approximate and depends on the number of connected sensors and frequency of communication