



EMScLOUD RainSet 02



Precipitation and temperature sensor transmitting data via SigFox network to EMScLOUD Internet application.

Maximum delay of precipitation values is 10 minutes, temperature data in 20 minutes interval are refreshed each hour or together with precipitation events.

Specifications:

Precipitation sensor:

- collecting area 200 cm²
- resolution 0.2 mm
- made by Pronamic (Denmark)

Temperature sensor:

- accuracy ± 0.2 deg.C
- located inside the sensor electronics

Power supply:

- primary Lithium-thionyl chloride (Li-SOCl₂)
SAFT LS 17500, 3.6 V, 3.6 Ah
- supposed operation for three years

Others:

- data sent as cumulative values; episodic dropouts in transmission do not influence the sum of precipitation
- indication of tilt
- indication of internal humidity
- data visualization, archiving and downloading
Fully supported by EMScloud Internet application