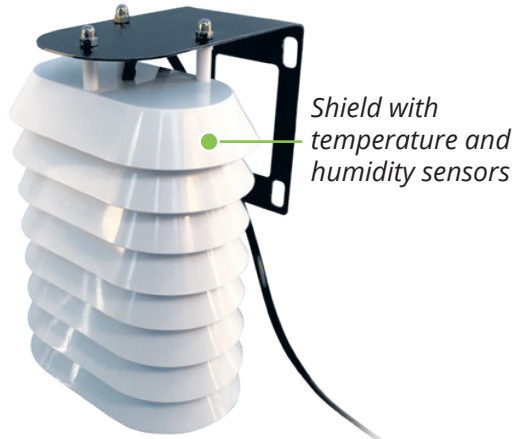
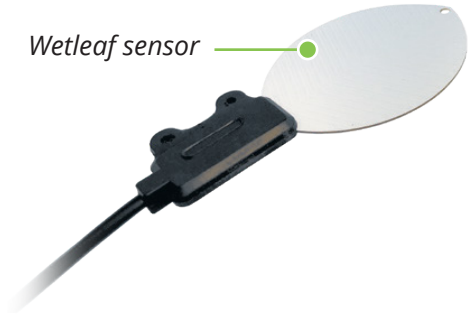
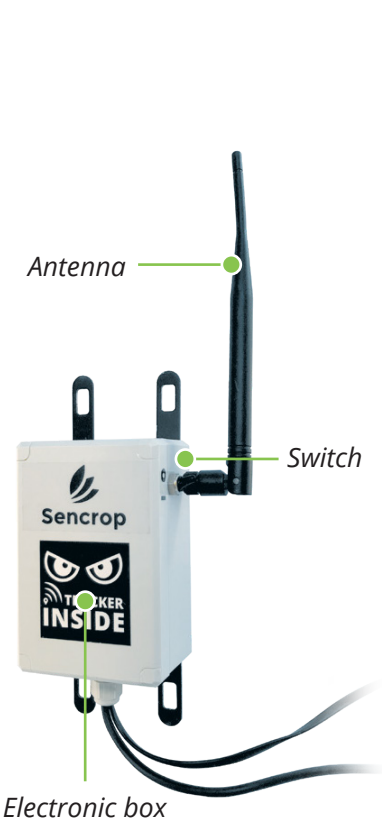


Leafcrop

Connected sensor



Technical characteristics

Measurements		
Leaf Wetness sensor	Principe of operation	Capacitive sensor
	Operating temperature range	-20 - +60 °C
	Measurement range	320 - 1000mV
	Accuracy	Average time 10 min
	Resolution	1mv
Temperature and humidity	Principe of operation	3 digital sensors
	Temperature range	-40 °C to / à +125 °C
	Humidity range	0 % to / à 100 %
	Temperatuere accuracy	± 0.2 °C typ. / ± 0.3 °C max. (-40 °C à +90 °C)
	Humidity accuracy	± 2 % typ. / ± 3 % max. de 0 °C à 80°C (0 % HR à 100 % HR)
Mechanical characterics		
Leaf Wetness sensor	Wire length	5m
Shield	Material	ASA
	Wire length	2,5m
Support plate	Material	Stainless steel
General		
Battery	Battery	Lithium-Thionyl Chloride capacity 19 Ah - 3.6 V
	Temperature range	-60°C to +85°C
Other sensors	Accelerometre	
	GPS	
Communication	Network	Sigfox (868 MHz)
	Data transmission period	Every 15 minutes

