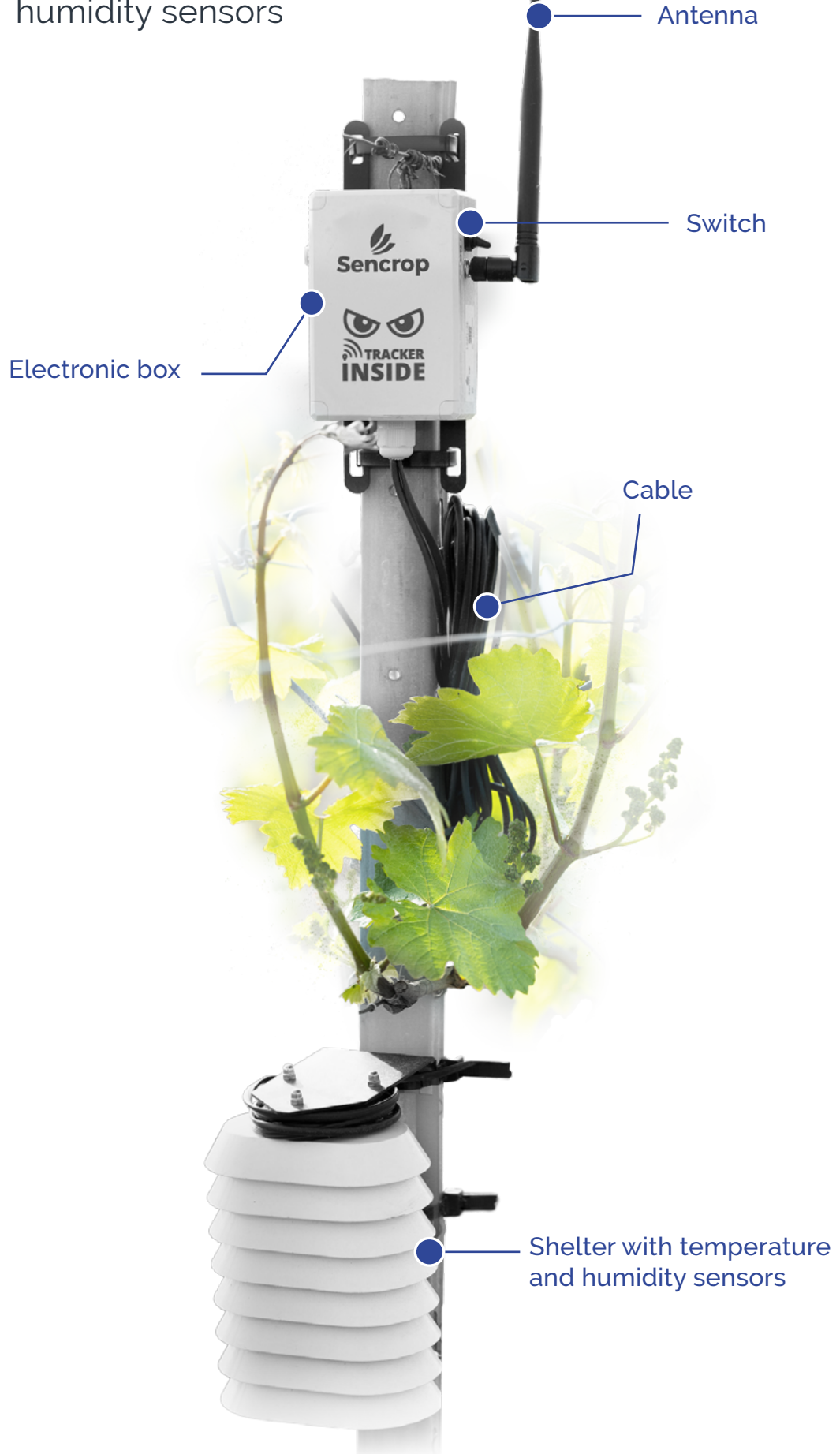


Thermocrop

Temperature and humidity sensors



Technical specifications

Measurements		
Temperature and humidity	Operating principle	3 digital sensors
	Temperature range	-40 °C to +125 °C
	Relative humidity range	0 % to 100 %
	Temperature accuracy	± 0.2 °C typ. / ± 0.3 °C max. (-40 °C to +90 °C)
	Humidity accuracy	± 2 % typ. / ± 3 % max. from 0 °C to 80 °C (0% RH to 100% RH)
Mechanical characteristics		
Radiation shelter	Material	ASA
	Cable length	2,5 m
Platinum	Support plate	Stainless steel
General		
Battery	Battery	"Lithium thionyl chloride - capacity 19 Ah capacity - 3.6 V"
	Temperature range	-60°C to +85°C
Other sensors	Accelerometer	
	GPS	
Communication	Network	Sigfox (868 MHz)
	Data transmission frequency	Every 15 minutes

