4XT-M

THE MOST PRECISE, EASY TO USE AND ENERGY EFFICIENT: SUBSTRATE MOISTURE SENSOR FOR GROWERS AND LANDSCAPERS

4XT-M is a moisture sensor that measures within 4 layers of your substrate: the Volumetric Water (VWC)

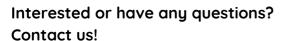
The device is also equipped with a light and soil temperature sensor. It operates completely independent immediately after being inserted into the soil. The device sends data via the worldwide Sigfox and various LoRa WANs.

A real fully hybride end solution.











Product

4XT-M Substrate moisture sensor. In any substrate, the sensor measures in four different layers, the volumetric water content (VWC) the temperature and the ambiant light.

Sensor

Body dimension 66 x 42 x 22 mm (Height x Width x Depth)

Sensors 4 layers Substrate moisture (VWC), Substrate temperature, Light Substrate temperature -20 - 65 $^{\circ}$ C ±2 $^{\circ}$

Light 0 – 150k lux ±5 %

Moisture min 0.4 % (depends on substrate texture and insertion)

Data

Sampling rate configurable from 5 minutes up to 4 hours (battery saving) **Measurement configuration** sampling rate, sensor usage, measurement accumulation

Configuration gate <u>admin.mytentacles.com</u>

Data access dashboard.mytentacles.com

Configurable webhook admin.mytentacles.com

Specifications

Battery life up to 15 years (depends on sampling and message rate)

Antenna-type Omni Whip detachable **Operating temperature** +5 - 65 °C



