

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.



Interested or have any questions?

Contact us!

www.info@tentaclesiot.com



TENTACLES
IoT

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 ambient 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 °C ±2 %

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 admin.mytentacles.com

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



Interested or have any questions?

Contact us!

www.info@tentaclesiot.com



TENTACLES
IoT