

# **TRAINING TIMER 3.0**

## **Magnetic Sensor Unit (SUM3)**

SUM3 is an extension sensor for our TT3 wireless timer. This sensor allows you to measure time using portable BMX gates or on large BMX gates installed on BMX tracks. Our sensor is completely universal and independent of the different types of BMX gates.

### **Technical specification**

Processor	ARM Cortex-M4 ULP
Cores	Single-Core, 32-bit
Frequency	80 MHz
Operation memory	128 kB RAM
Internal memory	1024 kB FLASH
LoRa <sup>®</sup> network	Frequency – 868 MHz (built-in antenna)
	Range – up to 600 meters (high power)
Battery capacity	3000 mAh
Battery consumption	ON – 60 mA
	OFF – 1.2 $\mu$ A
Temperature	-15°C to 80°C
Box material	PETG plastic (heat resistance up to 80 °C)
Tripod material	ABS plastic (heat resistance up to 100 °C)

## Content of the SUM3

The SUM3 contains the following components:

- 1x Magnetic Sensor Unit (SUM3);
- 1x Magnet Detector;
- 1x RJ11 connecting cable (1,5 meters);
- 1x mini-tripod + GoPro adapter;
- 1x GoPro adapter for Magnet Detector;
- 1x neodymium magnet VMM7-N42 (81,4 N);
- 2x self-adhesive 3M Scotchmate™ Velcro (25 x 30 mm).

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