TRAINING TIMER 3.0
Laser Sensor Unit (SUL3)

The SUL3 is the basic timer device of timing for obtaining times on the measured section. The SUL3 uses a Class 3R (IIIA) laser beam in the visible spectrum to measure time. The CU3 receives information from the SUs that the laser beam has been interrupted by the rider.

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$^©$ 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 µA
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)

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Content of the SUL3

The SUL3 contains the following components:

- 1x Laser Sensor Unit (SUL3);
- 1x white reflector for laser beam reflection;
- 2x mini-tripod;
- 1x GoPro adapter + 1x ball head;

!ATTENTION, ATTENTION!

LASER SENSOR UNITS (SULs) ARE EQUIPPED WITH CLASS 3R (IIIA) LASER BEAM. THE LASER BEAM MUST NOT HIT YOUR EYES OR YOUR FACE, YOU COULD DAMAGE YOUR EYESIGHT! NEVER AIM THE LASER BEAM ON PEOPLE, ANIMALS, VEHICLES, AIRCRAFT AND OTHER OBJECTS, EXCEPT SPECIFIED REFLECTIVE STANDS!

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Activity BMX

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