

# Signal Mouse Trap Product Specifications EU

## FUNCTIONAL SPECIFICATIONS

Daily trap status updates (opened/closed/catch) including temperature data, current battery level

Instant update when trap is set or triggered

Real-time feedback by means of the LED status: trap turn on/off, network join/accept/denied, payload sent successful/unsuccessful and device reset

Ability to detect false-positive 'catches' (the trap snapped, but did not catch anything)

Ability to perform diagnostic ranging tests

Easy installation, works out of the box



## TECHNICAL SPECIFICATIONS

## SIGNAL MOUSE TRAP EU

MODEL	V1.5
PACKET DATA	Uses LoRa ADR
RADIO FREQUENCY	863 tot 870 MHz ISM band
BATTERY	CP502440 Li-MnO2 battery
UI	RGB LED and 2 switches
LABEL	QR code and unique serial number

## PHYSICAL DESCRIPTION

PRODUCT DIMENSIONS	L: 97.3mm x W: 46.9mm x H: 58mm (L: 3.83" x W: 1.84" x H: 2.28")
WEIGHT	77 g (2.716 oz) with PCB antenna and battery installed
CHASSIS MATERIAL	ABS plastic

## ENVIRONMENTAL

OPERATING TEMPERATURE	-10 °C to +55 °C (14 °F to 131 °F)
RELATIVE HUMIDITY	0% to 95%
INGRESS PROTECTION (IP) RATING	IP67: complete protection against contact and immersion in water, up to 30 minutes in 1 m (3.28 ft) depth

## CERTIFICATIONS

EMC COMPLIANCE	EN 61000-6-1:2001 & EN 61000-6-3:2001 & EN 55032:2015
RADIO COMPLIANCE	LoRa Alliance certified by certification by similarity of the embedded RN2483A
ROHS COMPLIANCE	Directive 2002/95/EC & 2011/65/EU
REACH COMPLIANCE	Regulation 1907/2006 including amendments
WEEE COMPLIANCE	Directive 2012/19/EU