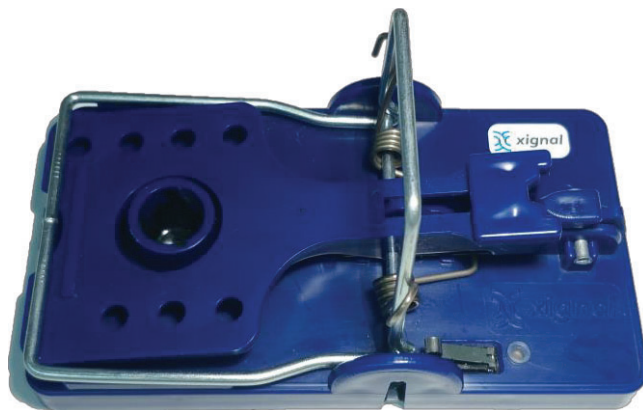


Signal Rat Trap Product Specifications EU

FUNCTIONAL SPECIFICATIONS

Daily trap state updates including temperature data, current battery level and trap status (opened/closed/catch)
Instant update when trap is set or triggered
Real-time feedback by means of the status LED: 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 RAT TRAP EU

MODEL	V1.5
PACKET DATA	Uses LoRa ADR
RADIO FREQUENCY	EU trap: 863 to 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: 138.9 mm x W: 75.8 mm x H: 67 mm (L: 5.47" x W: 2.98" x H: 2.63")
WEIGHT	197 g (6.948 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