



The LRX-130 is a very long range UHF tag for metal and non-metal applications.

This tag has a IP68 protection grade making it completely waterproof and dustproof.

### Key features

- Durable IP68 rating
- UHF very long read range
- Resistant to water, cleaning products, vibrations.

### Applications

Identification and traceability of industrial in metallic materials: industrial manufacturing, handling, maintenance, equipment goods, security, counterfeiting...

## Functional specifications

Type	UHF
Frequency	865-868 MHz (EU) 902-928 MHz (US)
Air interface protocol	EPC Class1 Gen2, ISO 18000-6C
IC Type	Alien Higgs-3
Memory	EPC 96 bits (up to 480 bits) User 512 bits. TID 64bits
Data retention	Up to 50 years
Write Cycles	100 000 times
Functionalities	Read/write
Read range	Fix Reader: 36dBm /4W On metal: (EU) 865-868MHz: Up to 28m, (US) 902-928MHz: up to 30m Off metal: (EU) 865-868MHz: Up to 14m, (US) 902-928MHz: up to 16m  Handeld Reader: 32dBm/2W On metal: (EU) 865-868MHz: Up to 22m, (US) 902-928MHz: up to 22m Off metal: (EU) 865-868MHz: Up to 11m, (US) 902-928MHz: up to 11m

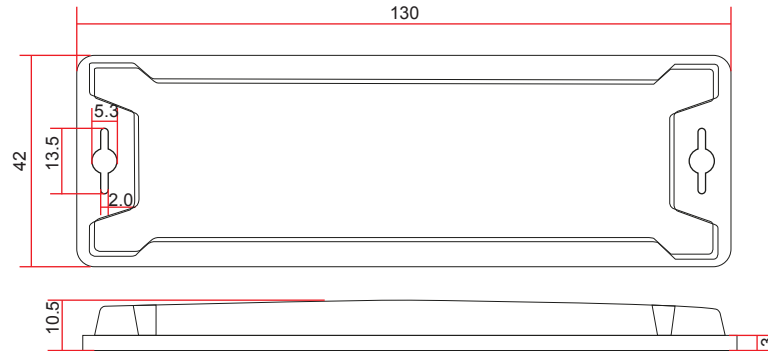
## Physical specifications

Dimensions / Weight	130 x 42mm; Thickness : 10.5mm ; 40g
Tag Material	PC
Mounting Method	Adhevisé, Screw
Applicable surface	On metal / Off metal
Color	Black

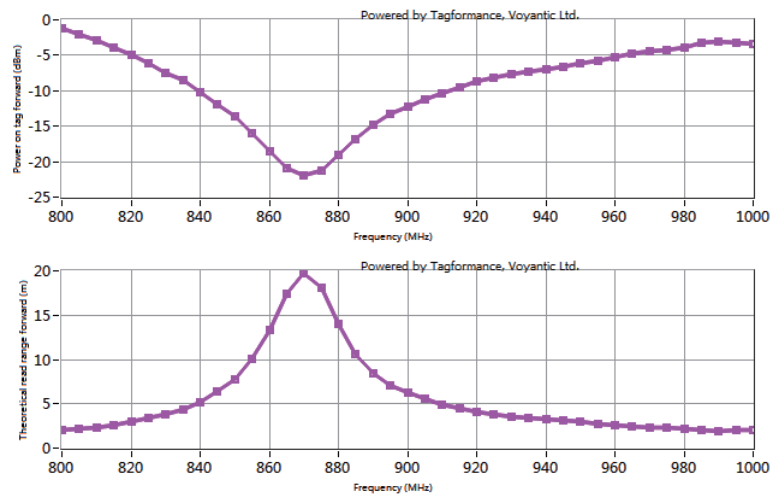
## Environmental and industry compliance

Certificates	Reach Approved, RoHS Approved, CE Approved
Resistance	Water, Cleaning products, vibrations.
Storage Temperature	-40°C to +100°C
Operating Temperature	-30°C to +80°C

## Dimensions



## EU 865-868MHz version



## US 902-928 MHz version

