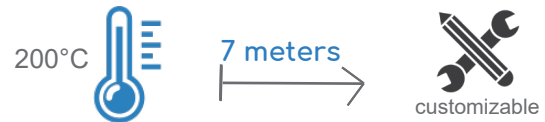




AX'Tag Fire 200 M

The tag is a tag designed for use on a metal surface. In addition, it is resistant to high temperatures (up to 200°C). Durable IP68 rating in a lightweight form factor.

Key features



Applications

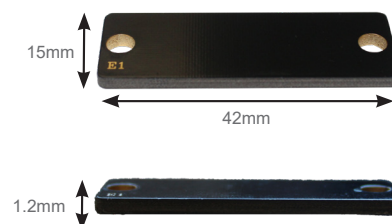
- identification of metal returnable containers, metal canisters, metal pallets, high value metal items, production tracking, delivery tracking...
- welding operations
- Paint layer application
- Drying ovens

Options

Fixing methods	Screw		Adhesive	
	Customization methods	Engraving		

Physical specifications

Dimensions / Weight	42 x 15mm (Holes: D4mm x 2), 2.2g Thickness: 2.1mm without IC bump, 2.8mm with IC bump
Tag Material	PTFE
Mounting Method	Adhesive, Screw
Applicable surface	Metal Surfaces
Color	Black



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Non-contractual datasheet

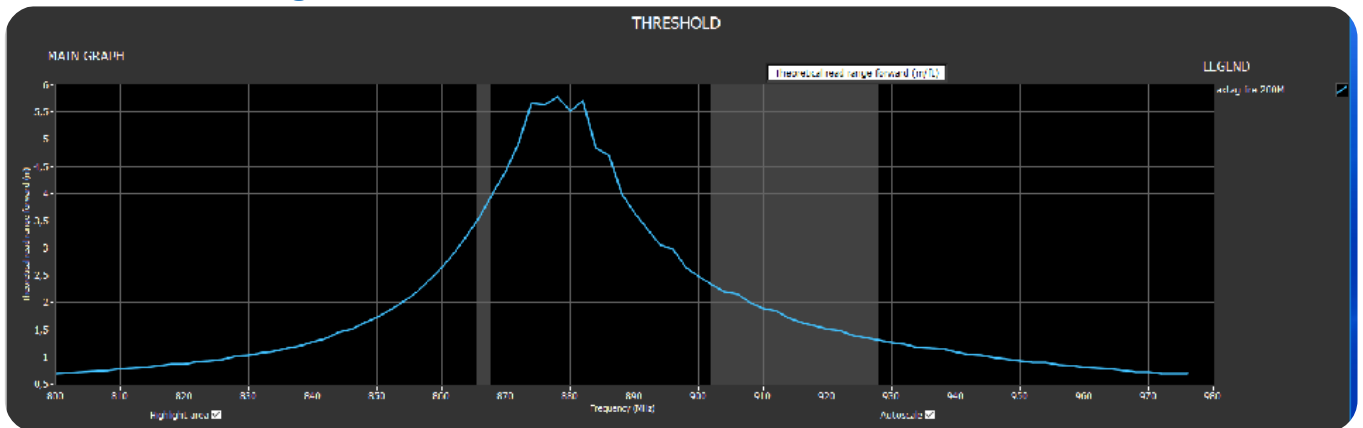
Functional specifications

Type	RAIN RFID (UHF)		
Frequency	865-868 MHz (EU); 902-928 MHz (US)		
Air interface protocol	ISO 18000-6C EPC Class1 Gen2		
IC Type	Alien Higgs-4		
Memory	EPC 128 bits	User 128bits	TID 64bits
Data retention	Up to 50 years		
Write Cycles	100 000		
Functionalities	Read/write		
Read range	Fix reader 36dBm/4W: 7m (EU) 865-868MHz, 6.8m (US) 902-928MHz Handheld reader 33dBm/2W: 5.5m - (EU) 865-868MHz, 5.3m- (US) 902-928MHz		

Environmental and industry compliance

Certificates	Reach, RoHS, CE
IP classification	IP68
Storage Temperature	-55°C to +200°C
Resistance	Water, cleaning products, vibrations.

Measured read range



References

4215UHF0965	AX'Tag Fire 200 M UHF, Alien Higgs4, 42x15x2,8mm, without adhesive, EU
4215UHF0965US	AX'Tag Fire 200 M UHF, Alien Higgs4, 42x15x2,8mm, without adhesive, US (FCC)
4215UHF1267EU	AX'Tag Fire 200 M UHF, Alien Higgs4, 42x15x2,8mm, with adhesive, EU

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