DATA SHEET

AGILLOX

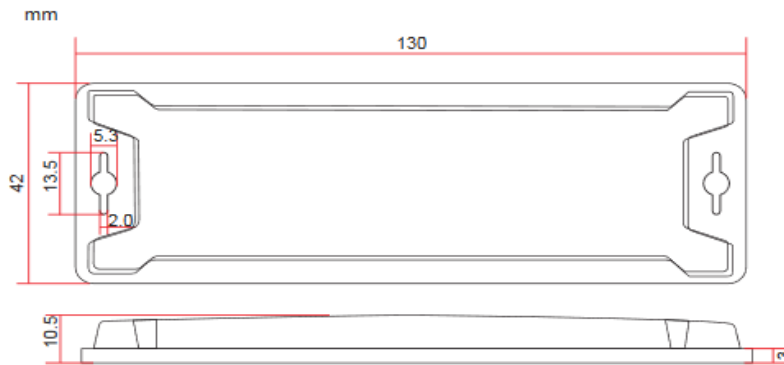
AGX 130
Long Range UHF Tag

Product Description

General specifications

The AGX 130 RFID tag has an operating frequency of either 902-928 MHz (US) or 865-868 MHz (EU) and is based on the Alien Higgs-3 IC, which provides industry-leading performance and up to a 30 meters read range.

The AGX 130 UHF tag is IP68-rated, making it suitable for harsh outdoor environments as well as exposure to water and contaminants.

This RFID tags have an operating temperature range of -20°C to +80°C and can be attached using high-performance adhesives, via a rivet hole or using a cable tie.

Dimension

Article no:		AGX 130

Typical Applications

• Bicycle / Vehicle Tracking	• Trace & Track	• Factory automation
• Electronic Toll Collection	• Supply Chain Management	• Automotive & Security
• Maintanence	• Healthcare	• Production

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**AGX 130
Long Range UHF Tag**

Technical Specifications	AGX 130 Long Range UHF Tag
Operation mode	Passive (Battery less)
Protocol	EPC Class 1 Gen2
ISO Standard	ISO 18000-6C
Operating Frequency	865-868MHz (EU) 902-928MHz (FCC)
Memory	EPC: 96 Bit (up to 480bits) User: 512 Bit TID: 64 Bit
IC Type	Alien Higgs-3
Programming Cycle	100,000 cycles

Environmental Specifications	
Storage Temperature	-40°C to +100°C
Operating Temperature	-30°C to +80°C
Material	PC
Dimensions	130 x 42 x 10.5 mm
Weight	max 40g
Ingress Protection	IP68
Power on Tag	