



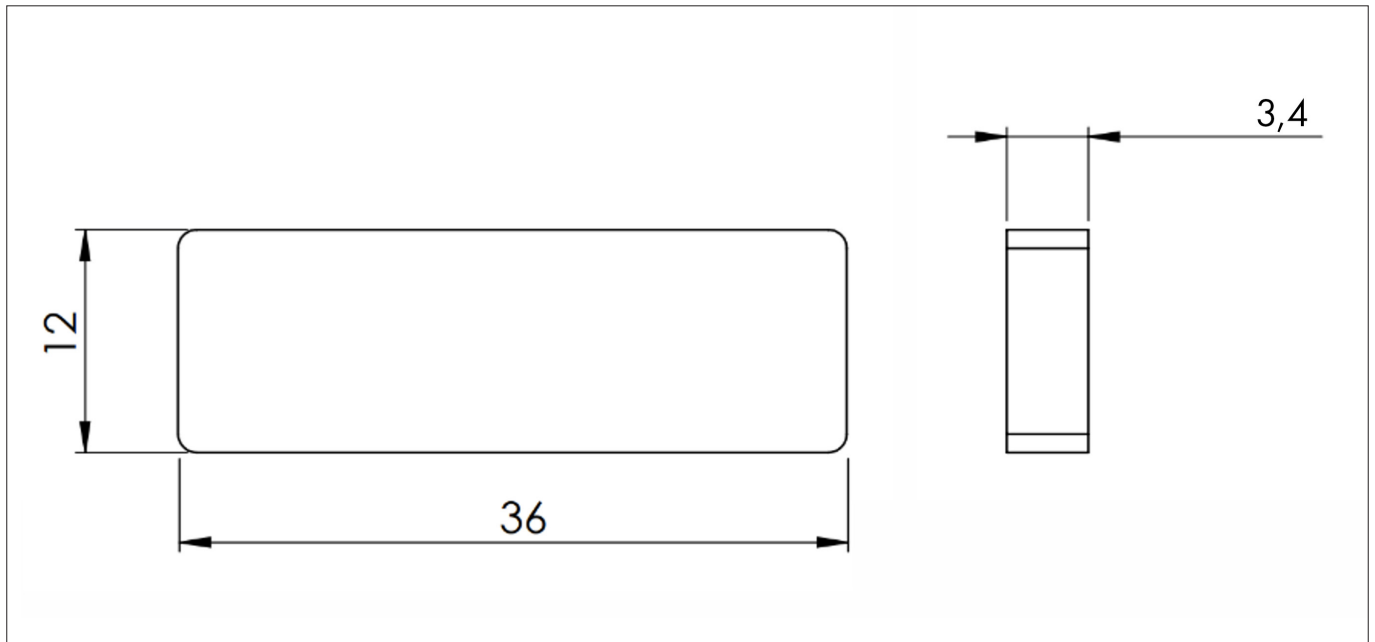
Description

The SMAVOO Anti-Metal UHF RFID Tag is a compact, industrial-grade identification tag engineered for reliable performance on metal surfaces. Built with a slim FR4 design, it delivers stable read ranges of up to 5 meters while maintaining high accuracy and consistency. Its robust IP68 housing withstands

demanding environments, and flexible mounting options allow seamless integration into asset tracking, warehouse logistics, and equipment management setups. Its high-quality chip options provide secure data retention and support reliable long-term identification in industrial workflows.

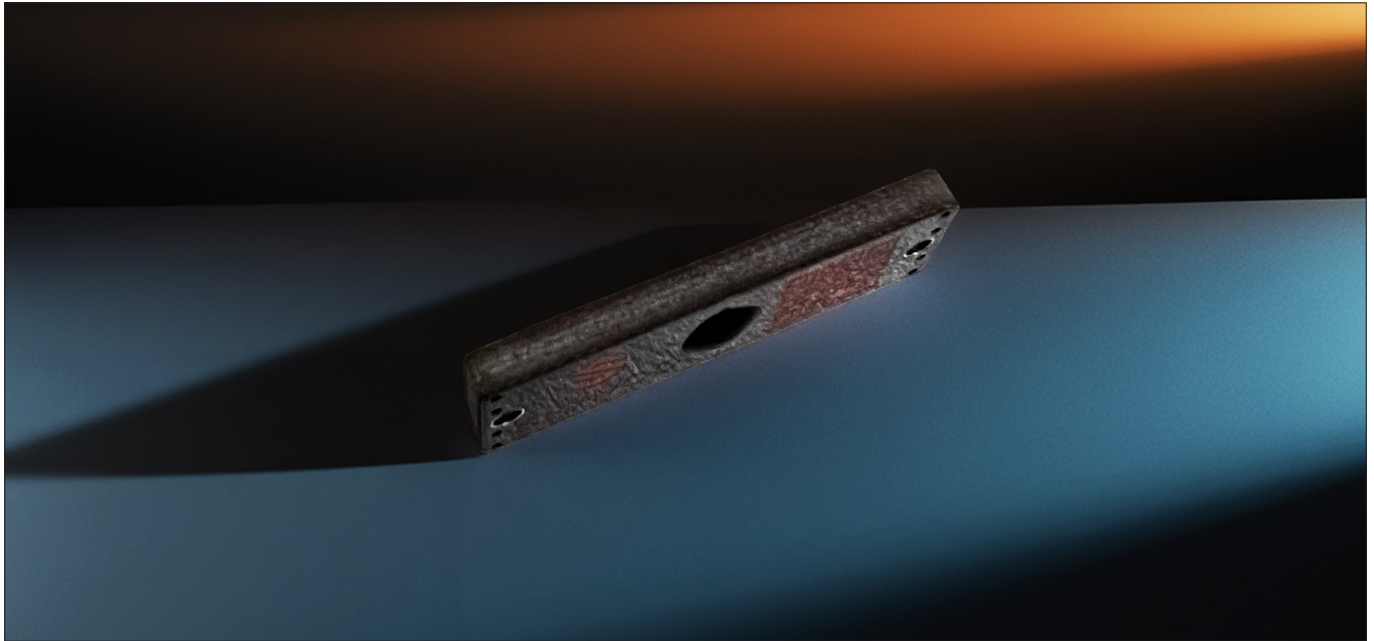
Key Features

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|-----|----------------------------------|-----|----------------------------------|
| 01. | Strong Read Performance on Metal | 03. | Flexible Mounting Options |
| 02. | Durable Industrial-Grade Design | 04. | High Compatibility RFID Standard |
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Functional Specifications	Protocol	EPC Class1 Gen2, ISO 18000-6C
	Frequency	860-960 MHz
	Chip	Impinj M4QT/NXP U8
	Chip Memory	EPC 128 bits, USER 512 bits
	Read and Write Performance	Readable and writable
	Data Saving	50 years
	Warranty	1 year

Physical Specifications	Dimensions	36 mm x 12 mm x 3,4 mm
	Weight	12 g per piece
	Main Material	FR4
	Color	Black



	Installation Method	3M300LSE adhesive, or screws, rivets, super glue
	Working Temperature	-25 °C to +95 °C
	Storage Temperature	-40 °C to +120 °C
	Storage Humidity	5% ~ 95%
Reliability Specifications	RoHS	Pass
	IP Grade	IP68
Performance Characteristics	Fixed Reader (on Metal)	More than 5 meters
	Handheld Reader (on Metal)	More than 3 meters
	Tag Polarization	Linear polarization
	Tag Starting Power	Less than -12dBm @ 920 MHz
	Tag Radiation Power	More than -20dBm @ 920 MHz
	Tag Gain	More than -6dBi