



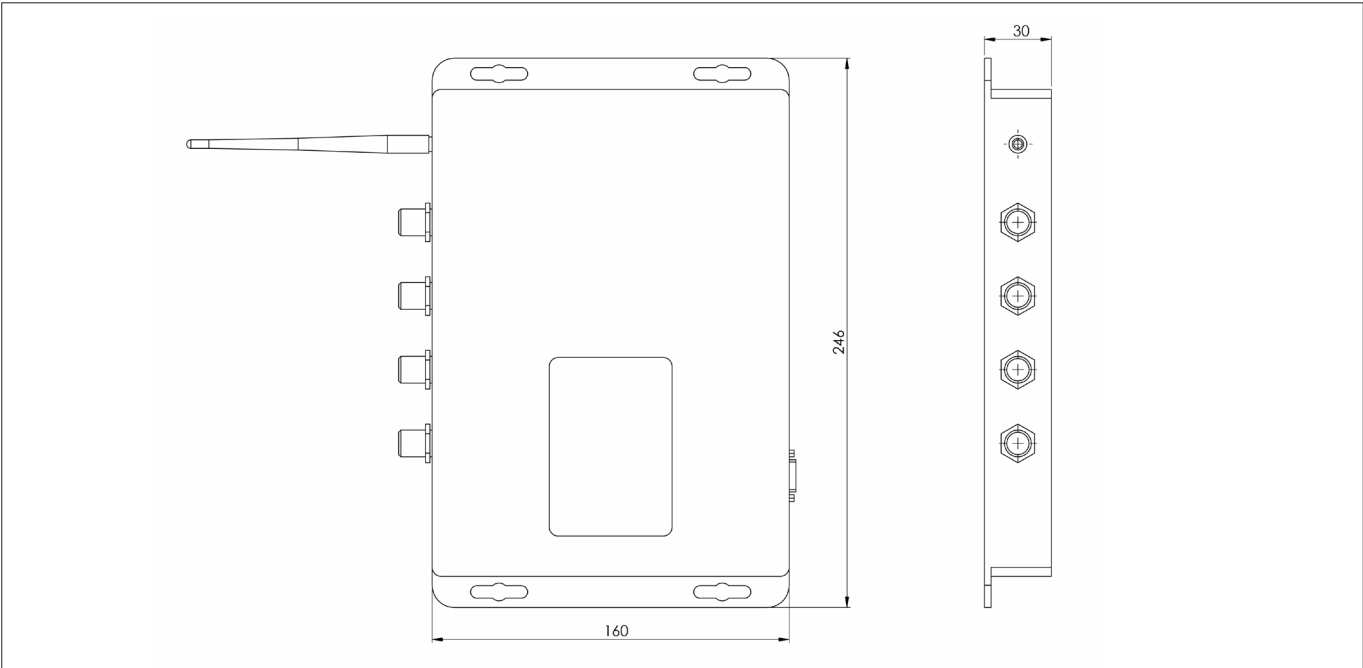
## Description

The SMAVOO UHF RFID 4-Port Reader is a powerful fixed reader designed to bring reliable long-range identification to busy warehouse, logistics and production environments. It works with common UHF tags, offers adjustable reading strength and supports four antennas for consistent coverage across gates,

shelves or conveyor areas. With its sturdy aluminum housing and simple Ethernet or RS232 connection options, the SMAVOO UHF RFID 4-Port Reader fits easily into existing setups and helps automate tracking, improve material flow and cut down on manual scanning and common inventory errors.

## Key Features

- |     |   |     |  |
|-----|---|-----|--|
| 01. | High Read Rates up to 700 tags/s        | 03. | Adjustable RF Power up to 30dBm            |
| 02. | 4-Port Antenna Design for Wide Coverage | 04. | Robust Aluminum Housing for Industrial Use |



Functional Specifications	Working Frequency	902-928 MHz (US), 865-868 MHz (EU)
	Protocol	EPC C1 Gen2, ISO18000-6C
	Reading Distance	Up to 30 m (depend on antenna and environment)
	Read Rate	> 700 times/second
	Label Detection	Support RSSI value detection
	RF Power	0~30dBm (Software adjustable)
Interfaces & Communication	RF Interface	4 TNC female connector
	Communication Port	RS232, TCP/IP (Standard)
	RS232 Interface	115200 bps (default)
	TCP/IP Interface	230400 bps (default)
	I/O Interface	2 trigger inputs, 2 relay outputs
	SDK	Demo and C#, JAVA, Android



## Physical & Power Specifications

Dimensions	246 mm x 160 mm x 30 mm
Weight	About 2 kg
Shell Material	Aluminum alloy
Power Supply	DC 12V/3A
Power Consumption	10W (@maximum output power 30dBm)

## Environmental & Reliability

Working Temperature	-20 °C to +75 °C
Storage Temperature	-20 °C to +55 °C
Storage Humidity	5% ~ 95% RH without condensation