

# AUTOID UF3

## UHF 4 Ports Fixed RFID Reader

The SEUIC UF3 is a 4 Ports UHF reader with an Impinj E710 engine built into it. It supports RS232, TCP/IP, and a wide range of antenna specifications. It provides high reading rates and fast tag reading through proprietary and efficient signal processing algorithms. Therefore, it can be widely used in logistics, asset management, innovative stores, smart cities, etc.



## Product Features



### Field Industrial Grade Protection

An ultra-rugged aluminum alloy CNC offers industrial lightning protection and is anti-magnetic. Continual monitoring of the system in real-time, 24 hours a day, 365 days a year.



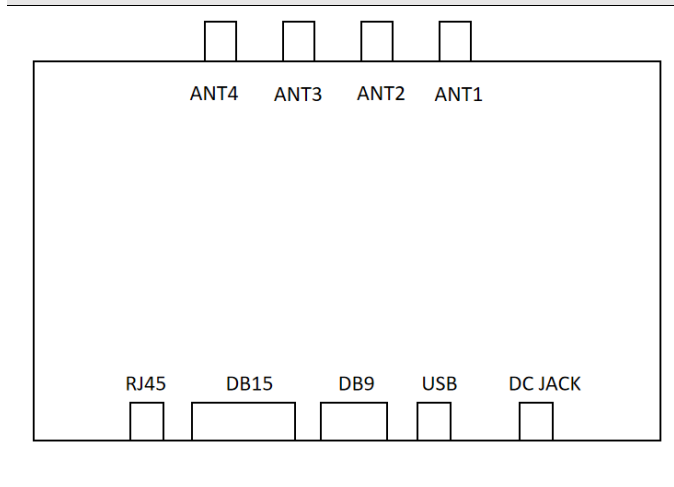
### High-performance Multi-label Algorithm

Multi-tag reading speed is 900 PCS/s. The device has been designed to handle fast-reading situations in logistics like package sorting. The accuracy rate is 99.9% at 1.5 m/s speed and 30 cm spacing.

POE function integrated make deployment more convenient

# Specifications

PERFORMANCE CHARACTERISTICS	
<b>Code Support</b>	EPC C1 GEN2/ISO18000-6C
<b>Working frequency</b>	902Mhz-928Mhz(default) 860Mhz-960Mhz (varies from different countries and regions)
<b>Read speed</b>	Can reach 900pcs tag/seconds
<b>Output Power</b>	5dBm to 30dBm adjustable, +/-1.0dBm
<b>Communication Protocol</b>	RS232, TCP/IP
<b>Input and Output</b>	2 GPIO input and 2 GPIO output (isolated by optical coupler)
<b>Status Indication</b>	indicator, RFID status indicator, Buzzer.
<b>Max Receive Sensitivity</b>	-86 dBm monostatic
<b>Power Supply</b>	9-12VDC
<b>Power Consumption</b>	Maximum 1.2A
<b>POE</b>	POE(802.3af) POE+(802.3at)
<b>Temperature</b>	Working temperature: -20℃ to +60℃ Storage temperature: -25℃ to +80℃
<b>Sealing Grade</b>	IP54
<b>Antenna interface</b>	RP-TNC*4
<b>Dimension</b>	230(L)×156(W)×30(T)mm



	Sequence	Code	Description
<b>Power supply</b>	Central	PWR	DC 9V-12V Power supply
	Outer	GND	Ground
<b>USB Interface</b>	standard USB interface		
<b>Communication Serial ports RS232 (DB9 Female)</b>	Sequence	Code	Description
	1	NC	Reserved
	2	TXD	data output (RS232)
	3	RXD	data input (RS232)
	4	NC	Reserved
	5	GND	Ground
	6	NC	Reserved
	7	NC	Reserved
	8	NC	Reserved
	9	NC	Reserved
	Sequence	Code	Description
	1	NC	Reserved
	2	NC	Reserved
	3	Input1 -	GPIO input 1-
	4	Input2 -	GPIO input 2-
5	Output1	GPIO output 1	
6	Output1	GPIO output 1	
7	Output2	GPIO output 2	
8	Output2	GPIO output 2	
9	Input1 +	GPIO input 1+	
10	Input2 +	GPIO input 2+	
11	NC	Reserved	
12	GND	Ground	
13	NC	Reserved	
14	NC	Reserved	
15	NC	Reserved	
<b>TCP/IP internet port</b>	RJ45		
<b>RP-TNC antenna interface</b>	ANT1~ANT4		