

High performance RFID UHF Reader.

R-FLOW1 is a high performance UHF RFID reader/writer, according to EPC Gen2 standard. The optional external antenna added to the internal, give us the chance to create check points for industrial or logistics processes and all kind of applications where high RFID performance is required, with maximum connectivity.

R-FLOW1 allows you to improve the check-in and check-out processes in your warehouse, in a very fast and very efficiently way, up to 8m reading distance, and 700 tags/second.

R-FLOW1 is fully configurable, and has multiple operating modes. The output power can be configured up to 1 Watt. And the reader can be used in both mass reading applications for inventory, such as those that require long distance performing.

Key Features.

UHF EPC Gen2 Reader/writer.
Ethernet, WiFi, Bluetooth and USB modes.
Optional External Antenna.

Software

API (Application programming interface).
App android.

Ordering

R-FLOW1 868 -865-868MHz (EU/ETSI).
R-FLOW1 915 -902-928MHz (US/FCC).

Included

12V 2A Power supply.
USB 2.0 Cable.
Ethernet Cat6 Cable.

Optional accessories.

External antenna 868.
External antenna 915.

Technical data

Connectivity	Ethernet
	USB
	Bluetooth
	WiFi (2,4GHz)
Output Power	0 to 30dbm, step 0.5dBm
	Accuracy +/- 1dBm
Power Supply	Jack DC: 12/24 Vdc
	USB: 5Vdc
Power consumption	7.5 W (estimated)
Antenna	Integrated UHF
	External UHF (Optional)
Transponder	EPC Class1 Gen2
	EPC Class1 Gen2 v2
	ISO 18000-6-C
	ISO 18000-63
Mechanical	Dimmensions: 120 x 120 x 40 mm.
	Weight: 420 gr.

