arfiStat-868-LR-P-UHF
Industrial Wheely
UHF RFID Reader BOX
865...868 MHz
Ethernet (incl. PoE), USB-C, RS232, RS485 Interfaces
ISO18000-6B/-6C
EPC Class 1 Gen 2

Product Description:	**Wheely UHF RFID Long Range Reader Box with 4 integrated antennas and Ethernet (incl. PoE), USB-C, RS232, RS485 Interface** for bulk reading of UHF RFID tagged textiles and other UHF RFID tagged goods which have been stored in the box..	
RFID UHF TAGs/Chips supported:	865...868 MHz: ALIEN Higgs Series, Impinj Monza Series, NXP U-Code Series Class 1 Gen 2 EPC TAGs	
Read Range:	Standard UHF TAGs/Label are read in bulk.	(Depends on RFID TAG type/shape)
Frequency: Standards:	865...868 MHz	ISO18000-6C/-6B, EPC Class1 Gen 2
Operating Systems: SW Development Kit:	Microsoft Windows™	DLL support, Libraries Java, .NET, Python
Dimensions Housing Aussen/Innen:	990 x 960 x 550 mm Total weight: ca. 50 kg	900 x 800 x 495 mm, Vol. ca. 340 liter
Power Supply / Interface:	230V (Integrated 10-30V DC (± 10%)) and Power over Ethernet	USB C, RS232, RS485, Ethernet PoE)
Output Power Power Consumption:	Max. 1 W (30 dBm)	up to 2 A
Status display mode:	LED indicator lights at reader inside the box	
UHF RFID Antennas:	4 integrated UHF RFID antennas	
Operating/Storage Temperature:	-20°C ... + 70°C	-20°C ... + 70°C
Certification:	CE ETSI 302 208 Made in Germany	RoHS ✔
Part Description:	arfiStat-868-Long-Range-UHF-Reader-Box-Pulsar-LR-USB-RS232-PoE	**Part-No.:** 123457399

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This UHF RFID reader box is the right tool for the hardest UHF RFID applications.
It supports 4 integrated antennas and it is used by system integrators or end-users to read UHF RFID TAGs affixed to textiles and other things to send the data to a PC/Tablet/host by several interfaces. The integrated UHF reader with connected four antennas provide unsorted bulk reading.

Thanks to the Power-over-Ethernet feature, integrating the reader into your system is easier than ever.
At the same time, the product supports all legacy connections like RS232 and RS485 and is powered by an integrated classical 24V DC power supply. The industrial 24V inputs and outputs allow you to connect a photocell directly to the reader to trigger the scanning process or connect a stack light to signal something to the user.

The revolutionary improvement is in the internal software. With its Embedded Linux core the reader has much more processing power than any other arfidex product which offers several advantages: The entire product can be controlled via the browser, so no local software needs to be installed. The reader is also the first of new products to include the “Smart Reader” feature. This optional mode can process data directly on the device and write scan results to a REST path or an SQL database – thus saving you the need for a dedicated RFID middleware.

Applications:

- Read of UHF RFID TAGs.
- Industrial ID and logistics
- Bulk reading of tagged textiles and other tagged items
- Easy inventory
- Your application

4 x **Integrated Antennas in IP65 housing:**

E-5P Wide Beam Width (100°)

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