






**arfiStat-868-MR-P-UHF**  
**Industrial RFID**  
**Mid Range UHF Reader**  
**865...868 MHz**  
**Ethernet, USB-B Interfaces**  
**ISO18000-6B/-6C**  
**EPC Class 1 Gen 2**

<b>Product Description:</b>	<b>UHF RFID Mid Range Reader for 1 external antennas and Ethernet, USB-B Interface</b> for mid pre-configurable distance reading and writing of 868 MHz UHF TAGs.	
<b>RFID UHF TAGs/Chips supported:</b>	865...868 MHz: ALIEN Higgs Series, Impinj Monza Series, NXP U-Code Series Class 1 Gen 2 EPC TAGs	
<b>Read Range:</b>	up to 3 m (with long range UHF TAGs)	(Depends on RFID TAG type/shape)
<b>Frequency: Standards:</b>	865...868 MHz (At room temperature 20°C)	ISO18000-6C/-6B, EPC Class1 Gen 2
<b>Operating Systems: SW Development Kit:</b>	Microsoft Windows™	DLL support, Libraries Java, .NET, Python
<b>Dimensions Housing :</b>	130 x 106 x 55 mm	CoO: Made in Germany 
<b>Power Supply / Interface:</b>	24 V DC (± 10%)	USB Type B, Ethernet
<b>Output Power Power Consumption:</b>	Max. 500 mW (27 dBm)	up to 270 mA
<b>Status display mode:</b>	LED indicator lights	
<b>Inputs/Outputs: Antenna Connector:</b>	4 x 24V outputs, 2x optically isolated inputs	1x SMA, 50 Ohm
<b>Operating/Storage Temperature:</b>	-20°C ... + 70°C	-20°C ... + 70°C
<b>Certification:</b>	 ETSI 302 208	<b>RoHS</b> 
<b>Part Description:</b>	arfiStat-868-Mid-Range-UHF-Reader-Pulsar-MX-USB	<b>Part-No.:</b> 123457335

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The arfiStat 868 MR PulsarMX is a UHF Mid Range Reader for applications with a medium read range between 1 and 3 m and up to 100 transponders simultaneously in the field. Its main applications are in container tracking, reading data from sensor tags (e.g. temperature sensors), and on a conveyor belt. Due to its low cost, the device opens new possibilities for applications that were not feasible before.

With its compact dimensions of only 130 x 106 x 55 mm and almost no heat build-up, the reader can be integrated into closed cabinets and other machinery. The device communicates using USB or Ethernet. With the optically isolated Inputs and 24V DC outputs, you can directly connect light barriers, LED lights, and other equipment to the reader.

For easy and fast testing of the product, there is a free Windows Demo Software to test all features of the device. If you need to integrate the reader into your own software, there is also a Java SDK, a .NET Library, and a Python lib for accessing the device on all operating systems.

**Applications:**

- ◆ Read and write of UHF RFID TAGs.
- ◆ Industrial ID an logistics
- ◆ Long Range gates or tunnels
- ◆ Your application

**Related Antennas in IP65 housing:**

- ◆ E-5P Wide Beam Width (100°)
- ◆ E-6P Wide Beam Width (84°)

Read Range up to 3 m

Read Range about 6m up to 12 m



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