





**Under-Table  
RFID Identification System  
for  
Textiles and Laundry  
Assorting**

<b>Product:</b>	UHF RFID Low Range Reader with External antenna and Multi-Interface for short pre-configurable distance reading of 868 MHz UHF TAGs. This system is perfect for logistics applications like identification of laying items on tables @ LAUNDRY and TEXTILE assorting. The external antenna can be mounted under the table to allow easy assorting processing.	
<b>RFID UHF TAGs/Chips supported:</b>	868 MHz: ALIEN Higgs Series, Impinj Monza Series, NXP U-Code Series Class 1 Gen 2 TAGs	
<b>Read Range:</b>	Up to 350 mm (with textile tag 87x18 mm)	(Depends on RFID TAG type/shape)
<b>Frequency:</b>	868 MHz	(At room temperature 20°C)
<b>Standards:</b>	ISO18000-6C, EPC Gen 2	
<b>Operating Systems:</b>	Microsoft Windows™	Linux on request
<b>Dimensions / Housing / Weight:</b>	Antenna: 260 x 310 x 38 mm    1500 g Reader: 185 x 130 x 44 mm    600 g	IP54 White PVC Foam Antenna Housing with shielding on back side IP20 Aluminium Reader housing
<b>Optional Interfaces:</b>	RS232 and USB and Ethernet (TCP/IP)	A control unit allows the adaption to customers network.
<b>Power Supply:</b>	12 V DC	Antenna to reader cable length: 2 m
<b>Output Power:</b>	60mW up to 400mW adjustable in 8 steps	
<b>Signalling:</b>	3 LEDs for Power, TAG READ and AUX	(Default Multi Tag Detect)
<b>Operating/Storage Temperature:</b>	0°C ... + 50°C	-10°C ... + 60°C
<b>Certification:</b>	 Made in Germany 	<b>RoHS</b> ✓
<b>Part Description:</b>	arfiDesk-DRUT-868-UHF-LowRa	

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arfiDesk DRUT-868

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This RFID reader antenna system is used by system integrators or end-users to read UHF RFID TAGs and to send the data to a PC/host by different interface options.

The option Ethernet allows easy integration into your office or industrial 4.0 IoT computer network.

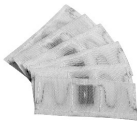
Demo Software and DLLs for Microsoft Windows™ are available,

Applications:

- ◆ Reading of UHF RFID TAGs integrated in textiles or laundry, garment
- ◆ Assorting of laying goods with integrated UHF RFID TAGs in under table installations
- ◆ Industrial ID
- ◆ Your application

Optional Accessories:

- ◆ Power Supply 12 V DC
- ◆ LAUNDRY TAGs



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