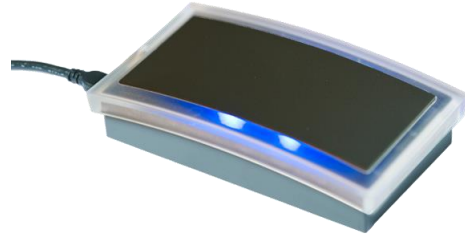


USB Desktop Smart UHF



The USB Desktop Reader Smart UHF is a slim and compact RFID reader and writer. The powerful RFID device is equipped with an integrated and linearly polarized antenna as standard. Equipped with a USB interface as standard, it is equipped with a Human Interface Device (HID).

This UHF version supports the ISO standard 18000-6C EPC C1 GEN2 as well as global UHF frequencies ETSI (865 - 868 MHz) and FCC (902 - 928 MHz).

The USB Desktop Reader Smart UHF enables reading ranges of up to 30 centimetres, depending on the tag type and orientation* and a max. output power of 100mW (+20dBm).

Area of application:

- Reading ID numbers & membership cards
- E-Ticketing
- Payment /cash register systems
- Retail / Libraries
- Identification / Access

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Technical specifications	
Operating voltage	5V DC (USB)
Power consumption	Up to 350 mA (High-Powered Port needed)
Operating Frequency	865 – 868 MHz (ETCI) 902 – 928 MHz (FCC) 916 – 923,4 MHz (Japan)
Max. Power	max 100 mW (20 dBm)
Operating distances	Up to 30 cm*
Antenna	Integrated, linear polarised
RF TX Speed	Up to 640 kHz
Interfaces	USB VCP USB HID (Human Interface Device)
HID Output Format	EPC only, hexadezimal, Kleinbuchstaben, MSB
Connector	USB Mini B Socket

* Reading distance depends on tag and environmental conditions

Mechanical specifications	
Housing Colour	Anthracite
Dimensions	126,5 x 69 x 27 mm
Weight	95 g
Material	ABS
Protection Class	IP40

Environmental conditions	
Operating temperature	- 10°C up to + 50°C
Storage temperature	- 20°C up to + 70°C
Humidity	up to 95%, non-condensing

Supported Standards	
Standard ISO 18000-6C	EPC Class 1 Generation 2 z.B.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.

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Applicable Standards	
EMC	EN 301489-1:2012-04 (v1.9.21) EN 301489-3:2013-12 (V1.6.1)
Radio Regulation	EN 300330-1:2015-08 (V1.8.1) EN 300330-2:2015-08 (V1.6.1)
Safety	EN 60950-1:2014-08 EN 62369-1:2010-03 EN 50364:2010-11
RoHS	EC Guideline 2011/65/EU
Zertifikate	FCC, CE

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