

USB Desktop Easy UHF



The USB Desktop Leser Easy UHF is a slim and compact RFID reader and writer. The powerful RFID device is equipped with an integrated antenna as standard. Equipped with a USB interface as standard, it is available with a Human Interface Device (HID) or as a read & write version.

This UHF version supports the ISO standard 18000-63 EPC C1 GEN2 as well as global UHF frequencies ETSI (865 - 868 MHz) and FCC (902 - 928 MHz).

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

Areas of application:

- E-Banking | E-Shopping
- Internet Security
- Software Lock
- Telecom & Postal
- E-Wallet Charging & Check

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Technical specifications		
	HID	Read & write
Operating voltage	5V DC (USB)	
Power consumption	Up to 150 mA	
Operating Frequency	UHF: 865 – 868 MHz 902 – 928 MHz	
Max. Power	Max 100 mW (20 dBm)	
Operating distances	Up to 30 cm*	
Antenna	Integrated	
Standard UID Output	10H Hexadecimal	-
Operating systems	All that support HID (Keyboard, Mouses)	All that support VCPs
Interface	USB 2.0 UID	USB 2.0 VCP
Status	1x Bi-color LED 1x Beeper	

* Reading distance depends on tag and environmental conditions

Mechanical specifications	
Housing Colour	Black silver
Dimensions	99 x 99 x 22 mm

Environmental conditions	
Operating temperature	- 20°C up to + 70°C
Storage temperature	- 20°C up to + 80°C
Humidity	up to 95%, non-condensing

Supported Standards	
Standard ISO 18000-63	EPC Class 1 Generation 2 z.B.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.

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Application Standards	
EMC	EN 301489-1:2012-04 (v1.9.21) EN 301489-3:2019-03 (V2.1.1)
Radio Regulation	EN 302208-2:2015-02 (V2.1.1)
Safety	EN 60950-1:2014-08 (valid till 2020-12-19) EC 62368-1:2018-10 (V3.0, valid as of 2020-12-20)
RoHS 2	EC Guideline 2011/65/EU and amendment 2015/863/EU, updated by 2017/2102/EU EN 50581:2012 (valid till 2024-07-07) EN 63000:2018
REACH	EU Guideline 1907/2006, updated by 2020/171/EU

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