

logident[®] UHF UDL5 – UHF RFID-Mouse

Flexible and robust RFID UHF read/write systems from deister electronic provide fast and reliable identification of stationary and moving objects from various distances.

UDL5

Major retailers have encouraged the development and integration of RFID for productivity and logistic control. Multiple applications including supply chain, industrial automation, retail POS and waste collection are now active.

Where UHF transponders (tags) are in use, system integrators and users have to verify transponders in terms of proper function, personalize them with custom data and/or read/write data.

To quickly introduce this technology to integrators and end users, deister electronic provides the UDL5, a complete self-contained UHF read/write unit that directly connects to a PC by the USB port.

The UDL5 – UHF mouse is supplied with a 1.5 m USB cable, sample transponders and demo software. System integrators and software developers will be provided with tools to integrate the UDL5 into their infrastructure.

Your benefits at a glance

- **Mouse size reader for convenient use**
- **Ultralight and easy to carry around**
- **Simple installation (“Plug and play”)**
- **Powered by USB**
- **Covers all UHF frequencies (860 – 960 MHz)**



Technical Data

Dimensions (mm):	80 x 57 x 19
Weight:	approx. 48 g (without USB cable)
Housing:	Polycarbonate
Protection class:	IP 30
Operating temperature:	+5 °C ... +55 °C
Storing temperature:	-20 °C ... +70 °C
Relative humidity:	5% ... 95% non-condensing
Power supply:	powered by USB
Current consumption:	max. 400 mA (operation)
Operating frequency:	865 – 868 MHz (EU), 902 – 928 MHz (USA) 952 – 956 MHz (JP)
Radiated transmit power:	≤10 mW
Read/write distance:	up to 30 mm, dependent on type/size of tag
Transponder protocols:	ISO 18000-6 Type C, EPC Class1 Gen2
Interface:	USB
Anticollision:	identifies multiple transponders in the antenna field
Reading mode:	Dense Reader Mode can be activated
Conformities:	
Human exposure	EN 50364
EMC	EN 301 489
Air interface (EU)	EN 302 208 (LBT)
Air interface (US)	FCC Part 15