

UDL 5 – 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.

UDL 5

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.

For quickly introducing this technology to integrators and end users, deister electronic provides the UDL 5, a complete self-contained UHF read/write unit that directly connects to a PC by the USB port.

The UDL 5 – UHF mouse is supplied with a 1.5 m (4.9 ft.) USB cable, sample transponders and demo software. System integrators and software developers will be provided with tools to integrate the UDL 5 into their infrastructure.



Technical Data:

Dimensions:

mm (inch) W x H x D 80 x 57 x 19 (3.1 x 2.2 x 0.7)

Weight:

g (lbs) 48 (0.1), without USB Cable

Housing Material:

PC

Protection Class:

IP 30

Operating Temperature:

°C 5...55

Relative Humidity:

% 5...95, non-condensing

Power Requirement:

USB

Transponder Protocols:

ISO 18000-6 C,

EPC Class1 Gen2

30 mW

865 – 868 MHz (EU),

902 – 928 MHz (USA)

952 – 956 MHz (JP)

identification of several

transponders in the antenna

field

field

Reading Distance:

mm (inch) up to 30 (1.2), depending

on transponder type

USB

Interface:

Conformity:

Human Exposure

EN 50364

EMC

EN 301 489

Air interface (EU)

EN 302 208 v1.2 (DRM)

Air interface (US)

FCC Part 15

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)**

