

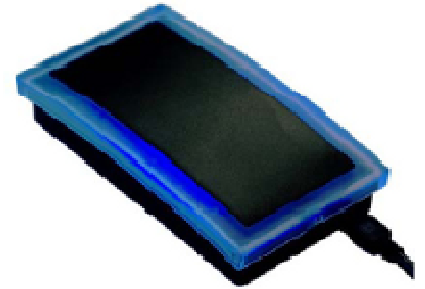
**IDT008 UHF DESKTOP USB READER DATASHEET**

**OVERVIEW**

The IDT008 USB Desktop Reader/Writer is a small, handy and simple RFID device that can be connected to USB equipped, PC's, terminals or laptop computers. The reader/writer uses a USB 2.0 interface for high speed data transfer and can be used for applications such as network access control, point of sale / hire, and tool or document issuing.

The UHF USB Desktop Reader supports EPC Class 1 Gen 2 tags. It operates in the 865-868MHz frequency band meeting the European ETSI standard. The reader's LED frame illuminates during the reading or writing process.

The IDT008 comes with an SDK and MS Windows based demonstration application. It connects to the PC as a virtual COM port. Application software for this reader communicates with the reader via the serial port, sending commands and processing the response. The reader is supplied with sample software code in C++ and a limited code example in Visual Basic. The API is an unmanaged C++ DLL and is provided with documentation.



**SPECIFICATIONS**

<b>Power Requirements:</b>	5V, 3mA – Bus-self powered
<b>Interface</b>	USB 2.0
<b>Typical Max Read Range</b>	Up to 15cm (depending on version and type of transponder)
<b>Frequency:</b>	865-868 MHz (EU ETSI/EN 302208)
<b>Transponder</b>	ISO18000-6C incl. EPC Global Class 1 Gen 2 NXP UCODE EPC Class 1 Gen 2 NXP UCODE G2iL
<b>Integrated Antenna:</b>	Linear Polarised / Max. power: 20dBm (100mW)
<b>Audio/Visual Indication</b>	Multicolour LED illuminated frame
<b>Operation Temp:</b>	-0°C ~ +60 °C
<b>Dimensions:</b>	126 x 70 x 27 mm
<b>Interface Cable:</b>	1200 mm
<b>Material:</b>	ABS housing (IP54 rated)
<b>Colour:</b>	Anthracite / Blue
<b>SDK System</b>	Application & SDK for MS Windows supporting C++, C#, .Net, Java
<b>Operating System:</b>	Windows XP, Windows 7 (32 bit), Linux

## About CoreRFID

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