

USB Desktop Reader EVO



The Evo USB Desktop Reader is an easy-to-use RFID Reader for your USB equipped PC or Laptop. It is using USB 2.0 interface for the high speed data transfer. It is useable for many different applications.

The special features of the EVO USB Desktop Reader is the excellent design and an illuminated LED frame, turning on during the reading process. ***Please note the LED frame does not illuminate on the UHF version.**

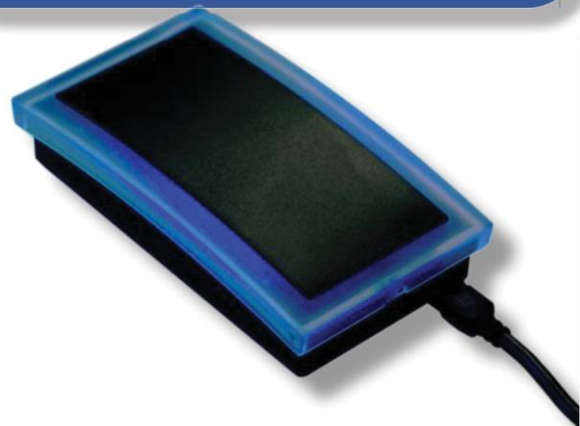
The EVO USB Desktop Reader is a full Read/Write device which comes with full SDK and MS Windows based application SW.

Available versions:

- Desktop Reader EVO UHF
- Desktop Reader EVO HF
- Desktop Reader EVO HF Plus (with 1 SAM socket for secure authentication)
- Desktop Reader EVO LEGIC
- Desktop Reader EVO LF

Applications:

- Desktop Reader / Encoders
- Network Access Control
- Access Control
- Point of Sales



Technical Data

Mechanical Specifications

Housing-Material: ABS, Color: Anthracite
Dimensions: 125 × 70 × 27 mm

Electrical Specifications

Power Supply: 5 VDC, via USB
Operating Systems: MS Win. XP/7, Linux
Antenna: Integrated
Interface: USB 2.0, Cable: 1.2 m
Read / Write Speed: Up to 424 kbps

Environmental Conditions

Operating Temperature: 0 °C to +50 °C
Humidity: 5 % to 95 %

Features

Signals: Multi-colored LED, illuminated frame
Option (on request): Keyboard Emulation
Compliant: CE, RoHS

Order Code

R-DT-EVO-xx

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Overview of available versions, related standards and supported tags:

| | Frequency | Standard | Supported Tags | Order Code |
|----------------|---------------------|---|--|------------------|
| UHF | 868 MHz/ 916 MHz | ISO18000-6C | ISO18000-6C EPC Class 1 Gen2 NXP U-Code GSXM / G2XL | R-DT-EVO-UHF |
| HF | 13.56 MHz | ISO14443 A/B ISO15693 | NXP Mifare S20/S50/S70 NXP Mifare UL NXP I-Code SLI TI Tag-it HF-I | R-DT-EVO-HF |
| HF Plus | 13.56 MHz | ISO14443 A/B | NXP Mifare S20/S50/S70 NXP Mifare UL, UL-C NXP DESFire EV1 2K/4K/8K NXP Smart MX CPU Infineon SLE66CXxxx CPU | R-DT-EVO-HF-PLUS |
| LEGIC | 13.56 MHz | Legic Prime Legic Advant ISO14443 A/B ISO15693 NFC (pass. Mode) | Legic MIM256, MIM1024 Legic Advant ATC256/1024/2048 NXP Mifare S20/S50/S70 NXP Mifare UL NXP I-Code SLI | R-DT-EVO-LEG |
| LF | 125 kHz | ISO11784 | EM420x Read Only (or similar) EM4450 NXP Hitag 1, 2, S Temic 55x7 (on request) Sokymat Q5 (on request) | R-DT-EVO-LF |

As the USB Desktop Reader EVO LF (R-DT-EVO-LF) has a simple communication protocol comprising of only 8 commands, there is no SDK for this device. There is a file package with test/demo software and descriptions.