

DeDesk2 RFID reader

With the compact desktop reader, any RFID data carriers and mobile applications can be read and written by your host system. This makes it easy to integrate POS applications or other PC applications into any new or existing RFID environment. The supplied DLL can be installed very quickly in a Windows PC-based host system. It supports all important Legic, Mifare Classic/ Desfire and Mobile technologies with the known data structures on the market.



Advantages

- Plug and play installation under Windows 10 and higher (no virtual COM ports)
- Processing of all known (also simultaneously different) 13.56 MHz data carriers, as well as mobile apps with Legic connect **in one reader** and therefore compatible with most access and time recording systems for modern multi-application applications
- Compatible with open data carrier standards such as Legic CASH (www.legic.com), Legic COM (www.legic-com.org) and Desfire OpenCashfile (Common Smartcard Solutions Association CSSA: www.common-smartcard.org)
- Support for many proprietary data mappings from a wide range of manufacturers:
 - Mifare, Legic, Mobile for consistent card management across all technologies
 - Creation of customer-specific card mappings as configuration files. This enables simple retrofitting of new data structures.
- AutoFormat: In the field Segmentation of Legic transponders data structures.
- Identical functionality as DeLight2 automatic reader (same code base)
- low cost thanks to minimal electronics

Features

- Security mechanism to prevent theft of baptized readers
- Firmware update of the integrated Legic security module, logic in DLL easy to update
- Three-color LED for displaying physical data carriers (NFC) and blue for Bluetooth (mobile)
- Buzzer for acoustic signals

Technical data

- Legic 6300i Chipset
- Modern FTDI USB chip
- Drivers for Windows 10 and higher
- LED green/ yellow/ red/ blue
- Supply from USB, max. 250mA
- Plastic housing anthracite
- Dimensions: approx. 145x74x45 mm, cable length USB 1.2m (permanently installed)



Executions

- HW.71.000.04 DeDesk2: USB reader with DLL
- HW.71.000.05 DeDesk2 OEM: USB reader without DLL (virtual COM port, requires third party DLL)
- HW.71.000.14 DeDesk2 embedded: USB reader for PC-supported vending machines, external Dragon antenna or similar.
- HW.71.000.15 DeDesk2 embedded OEM: like HW.71.000.14 but for third party DLLs

DLL

- Free .NET assembly (.NET 4.0), restricted to 32-bit processes
- One API for all technologies and data structures
- Complete business logic in the DLL
- Identical feature set as DeLight vending machine reader (RFID stack SW module integrated)
- Support for various wallets and identification systems
- Price lists, subsidies, category
- XML configuration file

Order coordinates:

Item no:	HW.71.000.	04HW.71.000.05
Designation:	DeDesk2 USBDeDesk2 USB OEM Legic/Mifare/Mobile Housing anthracite, top layer blue	Legic/Mifare/Mobile USB. COM port virtual, anthracite



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