

DeLight2 Vending Reader

The reader consists of a powerful controller with the latest generation of integrated Legic write/read electronics (Legic SM6300) and a remote antenna. It processes all current technologies such as:

- **Legic prime + advant** (ISO14443, ISO15693), segmented and non segmented
- **Mifare DESFire** and Mifare Classic
- **Virtual transponders** for Android und iOS Smartphones

in both read and write mode. Based on a DIVA2 controller, the advanced reader system is, thanks to its outstanding performance, ideally equipped for future challenges (hardware and software). Regarding data structures the reader is supporting a wide range of open standards and is perfectly integrable in existing RFID solutions (access etc.). The using for private and proprietary systems is also possible.



Various antennas accept all common transponders for hands free operation and can be easily installed in any machine.

In terms of price-performance ratio, the universal but extremely compact and highly integrated reader sets new standards

Advantages

- Processing of all known 13.56 MHz transponders **in one reader** and, as a result, compatibility with most access and time recording systems for modern multi-application concepts
- Compatible to open transponder standards as Legic CASH (www.legic.com), Legic COM, OpenCashfile for physical and virtual transponders (Common Smartcard Solutions Association CSSA: www.common-smartcard.org)
- Supporting of many proprietary data mappings of any manufacturers
- LEGIC Mobile SDK as a white label solution that can be integrated into any customer app for payment with a smartphone. Data transmission via NFC (HCE) and Bluetooth (BLE)
- Hardware enhancements possible with *Extensions*
- Complete and exclusive programming of the reader with the known DIVA tools
- DIVA functionality: price lists, Spider real time networking, load pic. with antenna via coin/bill/transfer etc.
- Sustainability and investment protection:
 - Latest Legic chipset technology: Firmware update to add new features and future encryption standards
 - Legic advant and Mifare DESFire technology for maximum security.
 - Continuous development of DIVA/DIVA2 functionality.
- Version DeLight2i: Built in initial segmentation of transponders in the field under consideration of existing data like (card number and others)
- Versatile options for statistical data (EVADTS, html) or single transactions (XML) with interface to all common back office solutions (online and offline)
- Various reader heads available in different designs
- integrated Telemetry: Remote SW updates und configurations changes, alarms and events, Logistics

order coordinates:

art.no.:	D3.02.000.04	D3.02.000.02	D3.02.000.03
details:	DeLight2i Set CCI	DeLight2 Set MDB	DeLight Set EXE



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Features (main features according to the DIVA manual)

- Machine interfaces: MDB Slave, MDB Comms Gateway, Executive, CCI, BDV. All vending machines are connected with a suitable cable.
- Payment system interfaces (middle position): MDB Master (2xCashless, Bill Validator, Coin Acceptor)
- Service/free operation, subsidies, bonus, price lists, age verification, happy hour etc.
- Debit- and/or credit operation in online or offline mode
- User interface with buzzer and LEDs (red-yellow-green traffic light pre-emption)
- Statistic EVADTS via NFC (*NFC Mobile*) cable, IrDA, network (LAN, GSM)
- Single transactions in XML format on SD card (unlimited number) via NFC (*NFC Mobile*) cable, network (Spider: LAN, GSM)
- SD Card Slot: enhancement of internal flash memory, for almost infinite storage possibilities: Clone, accounting, logs etc.

Connectors.

S4: MDB Master
RFID Antenna: Koax
RFID control: antenna LEDs/IrDA
LAN: Ethernet 10BASE-T/100BASE-TX (IEEE 802.3)
S7.3: configuration
Serv./Oper. switch for security functions (initialize, test sales)

SD: SD Card
Set: Button
IR: RFID

S1: Automat EXE/BDV, MDB,CCI



Technical data

temperature range: operation -40..+85°C
humidity: 95% relative humidity, non condensing
voltage supply: 12-45VDC/ 50 mA
reader dimensions: 140 x 75 x 40 mm (lxbxh)
case: plastic Novarex, translucent
RFID module: Legic SM6300M/ SM6300i
write-/read distance: approx. 50 mm
processor kernel: 32 Bit/150 MHz
memory: 16 MB RAM, 10 MB flash
battery: changeable lithium cell
user interface: on reader: communication s1 (2x yellow), state (rd/gn.), SD card (green), LAN (orange).
Buzzer
on antenna: lights according to EVA

order coordinates:

art.no.: D3.02.000.12 D3.02.000.07
details: DeLight2 Set MDB2 DeLight2i Set MDB



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Scope of delivery

DeLight2 Reader set: DeLight2 Controller, cable to machine (MDB, BDV, Executive, CCI), antenna, fixation hook-and-loop tape

Additional articles / Accessories

- D2.01.004.12 Set DIN mounting rail
- HW.14.000.01 DIVA external display serial
- D2.14.003.06 DeLight/Max: cable display serial (s7.3)
- HW.52.000.33 Antenna Dragon RFID/ BLE without bracket
- HW.52.000.32 Antenna Dragon RFID/ BLE with bracket
- D2.43.000.06 Extension204 Set 4G
- D2.43.000.03 Extension204 Set 2G

order coordinates:

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