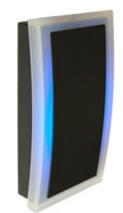# Wallreader

# ID ACCESS 1000 LEGIC

The LEGIC Wall Reader - ID ACCESS 1000 is a professional RFID reader and writer for LEGIC Prime and Advant transponders. It was especially developed for wall mounting beside doors or entrances and is also available as read-only version.

It is designed for indoor use and has a modern and elegant design with tricolor LED frame and buzzer.

LEGIC Wall Reader - ID ACCESS 1000 is available with Ethernet TCP/IP interface for easy implementation and integration within exisiting networks. Thanks to its integrated relay, it is possible to switch doors automatically.

Power supply is possible with 12 V (office) to 24 V (industry standard) or PoE.

iDTRONIC's ID ACCESS 1000 comes with a useful SDK for the development of controller, Linux or Windows based applications. Beside the documentation, command protocols, the SDK includes a Windows based demo application with full functionality over all supported HF RFID standards.

## ▶ APPLICATIONS

- Access Control
- Remote Control
- Payment Systems
- Automation System
- Network Control System

## ▶ FEATURES

- LED frame
- Integrated antenna
- Ethernet
- Supports LEGIC

## ▶ RFID OPTION

- LEGIC  Advant + Prime
- HF (ISO/EC 14443A/B, 15693)

# TECHNICAL DATA

## Electronic data

| | |
|---|---|
| Power supply | 12 - 24 VDC or PoE |
| Power consumption | < 100 mA bei 12V<br>< 80 mA bei 24V |
| Operating frequency | 13.56 MHz |
| Reading range | up to 5 cm* |
| Antenna | integrated |
| Interface | Ethernet TCP/IP with PoE |
| Write/Read | Max. 106 kbps |
| Signal | Buzzer<br>Bicolor LED |

## Mechanical data

| | |
|---|---|
| Dimensions | 125 × 70 × 26 mm |
| Material | ABS |
| Housing color | anthracite |
| Weight | 120g |

## Environmental conditions

| | |
|---|---|
| Operating temperature | -25 °C ... +70 °C |
| Humidity | 5% bis 95 % |

## Supported standards / tags

| | |
|---|---|
| Legic | All features:<br>LEGIC Advant, LEGIC Prime |
| ISO 14443 A | Read/Write:<br>MIFARE® Classic Mini / 1K /4K, MIFARE Ultralight®,<br>MIFARE Ultralight® C, NTAG21x<br>MIFARE® DESFire, MIFARE® Pro X, MIFARE® Plus S / X |
| ISO 14443 B | Reads only UID:<br>SRI4K, SRIX4K, AT88RF020, 66CL160S, SR176 |
| ISO 15693 | Reads only UID:<br>EM4135, EM4043, EM4x33, EM4x35,  I-Code SLI / SLIX,<br>M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity) |

\* Reading range depends on chip type used and environmental conditions

## Applied directives, norms and standards

| | |
|---|---|
| EMV | EN 301489-1:2012-04 (v1.9.21)<br>EN 301489-3:2013-12 (V1.6.1) |
| Frequency spectrum | EN 300330-1:2015-08 (V1.8.1)<br>EN 300330-2:2015-08 (V1.6.1) |
| Safety | EN 60950-1:2014-08<br>EN 62369-1:2010-03<br>EN 50364:2010-11 |
| RoHS 2 | EC Directive 2011/65/EU and amendment 2015/863/<br>EU, updated by 2017/2102/EU.<br>EN 50581:2012 (valid until 2024-07-07)<br>EN 63000:2018 |
| REACH | Regulation (EC) No. 1907/2006 of the European<br>Union, including the 26th update of the list of<br>substances of very high concern (SVHC) as of 2022-<br>01-17. |

# ORDER CODES

| Version | Ordercode |
|---|---|
| ID ACCESS 1000 LEGIC | R-EA-WR-ET-LEG |