

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 existing 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/IEC 14443A/B, 15693)

TECHNICAL DATA

Electronic data

Power supply	12 - 24 VDC or PoE
Power consumption	< 100 mA bei 12V < 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 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: LEGIC Advant, LEGIC Prime
ISO 14443 A	Read/Write: MIFARE® Classic Mini / 1K /4K, MIFARE Ultralight®, MIFARE Ultralight® C, NTAG21x MIFARE® DESFire, MIFARE® Pro X, MIFARE® Plus S / X
ISO 14443 B	Reads only UID: SRI4K, SRIX4K, AT88RF020, 66CL160S, SR176
ISO 15693	Reads only UID: EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, 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) EN 301489-3:2013-12 (V1.6.1)
Frequency spectrum	EN 300330-1:2015-08 (V1.8.1) EN 300330-2:2015-08 (V1.6.1)
Safety	EN 60950-1:2014-08 EN 62369-1:2010-03 EN 50364:2010-11
RoHS 2	EC Directive 2011/65/EU and amendment 2015/863/ EU, updated by 2017/2102/EU. EN 50581:2012 (valid until 2024-07-07) EN 63000:2018
REACH	Regulation (EC) No. 1907/2006 of the European Union, including the 26th update of the list of substances of very high concern (SVHC) as of 2022- 01-17.

ORDER CODES

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