

## LEGIC WALL READER ID ACCESS 1000



### PRODUCT DESCRIPTION

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
- Time Attendance
- Capture of IDs and data from LEGIC loyalty cards

#### ► FEATURES

- LED Light Frame
- Integrated Relay
- Integrated Antenna
- Ethernet TCP/IP Interface
- Power over Ethernet (PoE)

#### ► RFID OPTIONS

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

## TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Power Supply	12 Vdc (±5 % regulated)
Current Consumption	< 100 mA at 12V < 80 mA at 24V
Operating Frequency	13.56MHz
Operating Distance	up to 5 cm*
Antenna	Integrated
Interfaces	Ethernet TCP/IP with PoE
Writing / Reading	Max. 424 kbps
Input / Output	1 Relay C-NC-NO
Relay	Max. switching power: 30 W / 37.5 VA Max. switching voltage: 220 Vdc / 250 Vac Max. switching current: 1 A Max. carrying current: 1 A Initial contact resistance: Maxi. 100 mΩ (initial)
Signals	Buzzer Tricolor LED on Antenna
MECHANICAL SPECIFICATIONS	
Dimensions	120 × 70 × 26 mm
Weight	120 g
Material	ABS
Housing Color	Anthraxite
ENVIRONMENTAL CONDITIONS	
Operating Temperature	-25 °C ... +70 °C
Humidity	up to 95 %, non condensing

\* Reading distance depends on tag type and orientation.

SUPPORTED STANDARDS   TAGS	
Legic	All functions: LEGIC Advant, LEGIC Prime
ISO 14443 A	Read and write: MIFARE® Classic Mini / 1K /4K, MIFARE Ultra-light®, MIFARE Ultralight® C, NTAG21x MIFARE® DESFire, MIFARE® Pro X, MIFARE® Plus S / X
ISO 14443 B	Read UID only: SRI4K, SR1X4K, AT88RF020, 66CL160S, SR176
ISO 15693	Read UID only: EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
APPLICABLE STANDARDS	
EMC	EN 301489-1:2012-04 (v1.9.21) EN 301489-3:2013-12 (V1.6.1)
Radio Regulation	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	EC Guideline 2011/65/EU
Certificates	FCC, CE, IC
SDK INFORMATION	
Supported OS by Silabs USB VCP Driver	Windows 7/8/8.1/10 (v6.7.3) Windows XP/Server 2003/Vista/7/8/8.1 (v6.7) Windows 2K (v6.3a) WinCE (5.0, 6.0) Macintosh OSX (v4) Linux (3.x.x., 2.6.x) Android 4.2
Supported OS	Windows 7, 8, 8.1, 10
Supported Languages	<u>Read &amp; Write Versions:</u> Binary ASCII command protocol, VS2005 C++ Library <u>Read Only Version:</u> ASCII command protocol
Demo Software	Windows

## ORDER CODES

VERSIONS	ORDER CODES
LEGIC Wall Reader - ID ACCESS 1000	R-EA-WR-ET-LEG