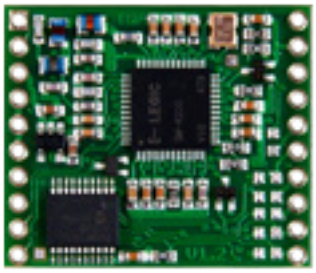
iDTRONIC
PROFESSIONAL RFID

LEGIC EMBEDDED MODULE
M800



PRODUCT DESCRIPTION

The LEGIC Embedded Module M800 has been designed to support LEGIC Prime, LEGIC Advant, ISO 15693 and ISO 14443A/B transponders. With an external antenna is is possible to read reading distance of up to 8 cm.

This LEGIC Embedded Module M800 is intended for stand-alone operation with custom-specific software pre-programmed into the on board PIC.

iDTRONIC's LEGIC Embedded Module M800 comes with integrated TTL (APP / FLEX) or USB (HID) interface.

▶ APPLICATIONS

- Payment
- Access Control
- Ticketing

▶ FEATURES

- TTL and USB
- External Antenna
- Includes LEGIC or iDTRONIC SDK

▶ RFID OPTIONS

- ISO 14443 A/B
- ISO 15693
- LEGIC Prime
- LEGIC Advant

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RFIDCanada
Automating Identification

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TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Power Supply	5 VDC (± 5 % regulated)
Operating Distance	up to 8 cm (depending on tag and antenna type)
Built-in Antenna	External
Interfaces	TTL / USB

MECHANICAL SPECIFICATIONS	
Dimensions	31 × 26 × 3 mm
Weight	13 g (maximal)

ENVIRONMENTAL CONDITIONS	
Operating Temperature	-20 °C to +70 °C

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

SDK INFORMATION	
Supported OS by FTDI USB VCP Driver	Windows Server 2008/2012 R2 x64 Windows 7, 8, 8.1, 10 Windows RT Windows CE (CE 4.2-5.2, 6.0/7.0, 2013) Linux Mac OSX Android

SUPPORTED STANDARDS | TAGS	
ISO 14443 A	Read/Write: MIFARE® Classic Mini / 1K /4K, MIFARE Ultralight®, MIFARE Ultralight® C, MIFARE® DESFire® EV1, MIFARE® Smart MX, MIFARE® Plus S / X, MIFARE® Pro X, NTAG 21x Read UID only: Read UID only of all other ISO14443A RFID tags
ISO 14443 B	SRI4K, SRIX4K, AT88RF020, 66CL160S, SR176
ISO 15693	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
LEGIC RF-Standard	Full read/write operation: LEGIC Advant; LEGIC Prime

ORDER CODES

VERSIONS	ORDER CODES
LEGIC Embedded Module M800 - APP TTL	OEM-LEG-M800-TTL-APP
LEGIC Embedded Module M800 - FLEX TTL	OEM-LEG-M800-TTL-FLEX

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