

8 CL 2.0



BASIC

110 x 43 x 24 mm



SLIM

141 x 43 x 19 mm



SLIM PIN

141 x 43 x 19 mm



Product features and benefits

- Auto-polling LEGIC reader with additional third-party transponder support
- Multi-technology support
- Secure key storage in LEGIC module
- Flexible RS232 data framing options
- Dual operation: can be switched from autopolling mode into command mode
- Configuration with configuration card
- Advanced configurable security features: secured communication on circuit board, tamper activated memory erasing, secured host communication



Electrical specifications

Operating frequency	13,56 MHz
Voltage	+10 +30 VDC
Power consumption	Min 25 mA @ 24 VDC, Max 55 mA @ 24VDC, Avg 35 mA @ 24 VDC
Antenna	Internal
Keypad type	2 x 6 Capacitive

Supported technologies

RFID chip support	LEGIC® Prime, LEGIC® Advant, MIFARE® DESFire, MIFARE® Classic, MIFARE® Ultralight, MIFARE® Plus, NFC, INSIDE Secure, Sony Felica, ISO15693
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Mechanical specifications

Housing material	Plastic
Installation method	Screws
Cable	LIYY
Cable length	3 m
Colour	Black
Customized versions	Yes, with sticker or lens
Protection class	IP67
IK-rating	Basic: IK-10; Slim, Slim Pin: IK-09
Flammability class	Horizontal specimen UL94 HB, vertical specimen UL94 V-2

Environmental specifications

Operational temperature range	-40 C° - +55 C°
Storage temperature range	-40 C° - +55 C°

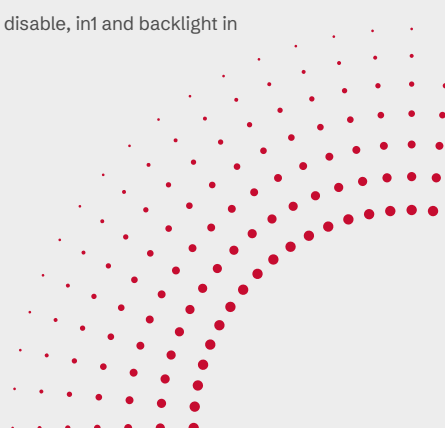
Interface specifications

Available interfaces	RS-232, Wiegand, Clock&Data
Inputs / Outputs	1 FET-output, 1 current limited output; Inputs: green, red, buzzer, pin disable, in1 and backlight in

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Standards and regulations

EMC	ETSI EN 301 489, EN 60950-1
Field strength	According to EN300330
Frequency allocation	ETSI EN 302 291

Other features

LEDs and LED control	1 x three-colour. LED modes can be configured, LED control by wire
Buzzer control	Buzzer modes can be configured, buzzer control by wire
Tamper	Configurable optical tamper
Re-read delay	Adjustable, default 3 s
Keypad backlight(s)	Yes, configurable
Configuration	By configuration card or commands
Reading distance	30-80 mm, varies depending on used transponder type and environment

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