

# Door Handle Online

Compact electronic door lock mechanism with RFID reader



- Transponder opens the lock, pressing down the door handle opens the door
- LED light signal indicates approval / rejection of the transponder
- Compatible with many European lock standards
- Fast installation, easy to expand existing installations
- Supports either left hand or right hand installation
- Multi-technology reader for LEGIC®, MIFARE® and MIFARE® DESFire
- Connection to your system with Wiegand interface via wireless online hub
- Suitable for wood, steel and aluminum doors as well as narrow frame doors with a backset of more than 20mm
- Easy and fast replacement of batteries without dismantling

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Door Handle Online can be installed in all common doors, such as wood, steel and aluminum as well as narrow frame doors with a backset of more than 20mm. This means that Door Handle Online is suitable for both, new buildings and old doors in existing buildings. Thanks to its timeless, simple stainless steel design, it adapts to all environments.

Door Handle Online is compatible with several transponder types, including ISO cards and key fobs.

Door Handle Online sends the transponder data wirelessly to an Online Hub which then transmits the data over Wiegand interface to your back end system.

## Technical specifications

<b>Handle</b>	
Operating Frequency	13,56 Mhz
Voltage	3 V
Power supply	1 x CR123A
RFID chip support	Mifare® Classic, Mifare® DESFire, Legic® Prime, Legic® Advant
Number of openings	165 000 at 20 °C
Battery life	Up to 150 000 operations with MIFARE® or 9,8 years
Dimensions (hwxwd)	55 mm x 140 mm x 76 mm 2 mm wall thickness
Material	Shock-resistant, stainless-steel housing
Colour	Matt satin finish
Protection class	Indoor version: IP40 Outdoor version: IP66
Relative humidity	To 95%
Customized versions	Available on request
Operational temperature range (handle)	+5 - +55 °C (Indoor Version) -20 - +65 °C (Outdoor version)
Operational temperature range (hub)	-20 - +65 °C
Storage temperature range	-40 °C to +65 °C
LEDs	1 two colour LED (red and green)
Buzzer	Yes
	Compatible with European locks, ASSA LC200 and Assa Abloy 4190. Suitable for all doors with thickness of 30 to 110mm
<b>Hub</b>	
Power supply	8-12 VDC
Current consumption	0,08 W in rest period
Antenna	868 MHz
Dimensions	65 mm x 50 mm x 37 mm with wall mount unit, 60 x 25 x 42 mm with DIN rail unit
Material	Plastic
Colour	Grey, black
Protection class	Indoor use
Installation method	With screws or DIN rail
Operational temperature range	-20 °C to +65 °C
Storage temperature range	-40 °C to +65 °C
Wiegand	Configurable