

# HL1000-MF

## WEATHER-PROOF MIFARE HANDLE

HL1000-MF is a highly resistant weather-proof Mifare read/write reader. Made of stainless steel, it has a unique design with high sensitivity. The Mifare reader reads cards within a range of 3 cm.

It supports Mifare Classic 1K and 4K memory cards. It can store up to 3500 events in its memory and 500 cards in its blacklist, with unlimited user capacity.



For indoor and outdoor use

### CHARACTERISTICS

Mounting:	Surface
Housing:	304 Stainless Steel, 2 mm
Colours:	Brushed stainless steel Gold (under request, to be consulted)
Door thickness range:	32-55 mm
Reader type:	Mifare R/W
Cards type:	Mifare Classic 1K, 4K
Read range:	Up to 3 cm
Opening cycles:	Up to 60,000
Users number:	Unlimited
Events memory:	3500 events
Black list capacity:	500 cards
Lock release time:	1-255 s. or Toggle (ON/OFF) mode
Software support:	PROH-MS, PROA-MS
Events recovery:	Via micro-USB or with a recovery card
Firmware upgrade:	Yes, via USB
Configuration:	Via USB port or with programming cards
Credit on card:	Yes

### SPECIFICATIONS

#### Electrical characteristics:

Power supply:	4xAA 1.5 V, Alkaline battery, 6 V
Input:	Push button
Low battery warning:	Multiple beeps and red flashing light

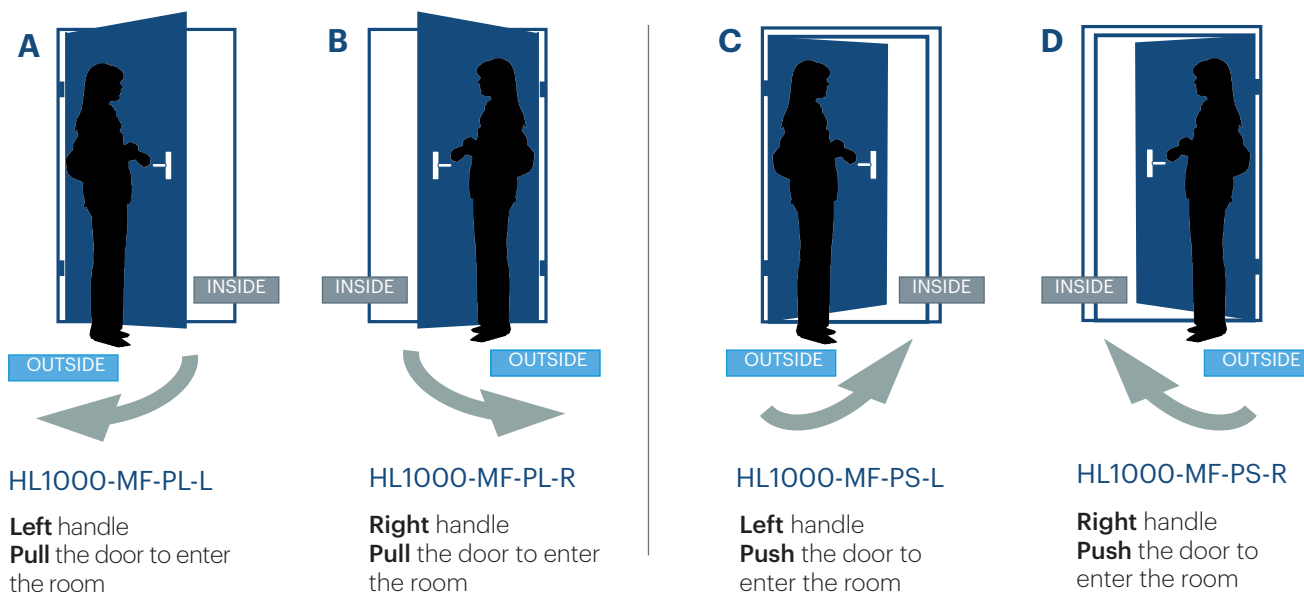
#### Environmental characteristics:

Operating temperature:	-20°C to +50°C (non-condensing)
Operating humidity:	0 to 95°C (non-condensing)
IP rating:	IP65

#### Caractéristiques mécaniques:

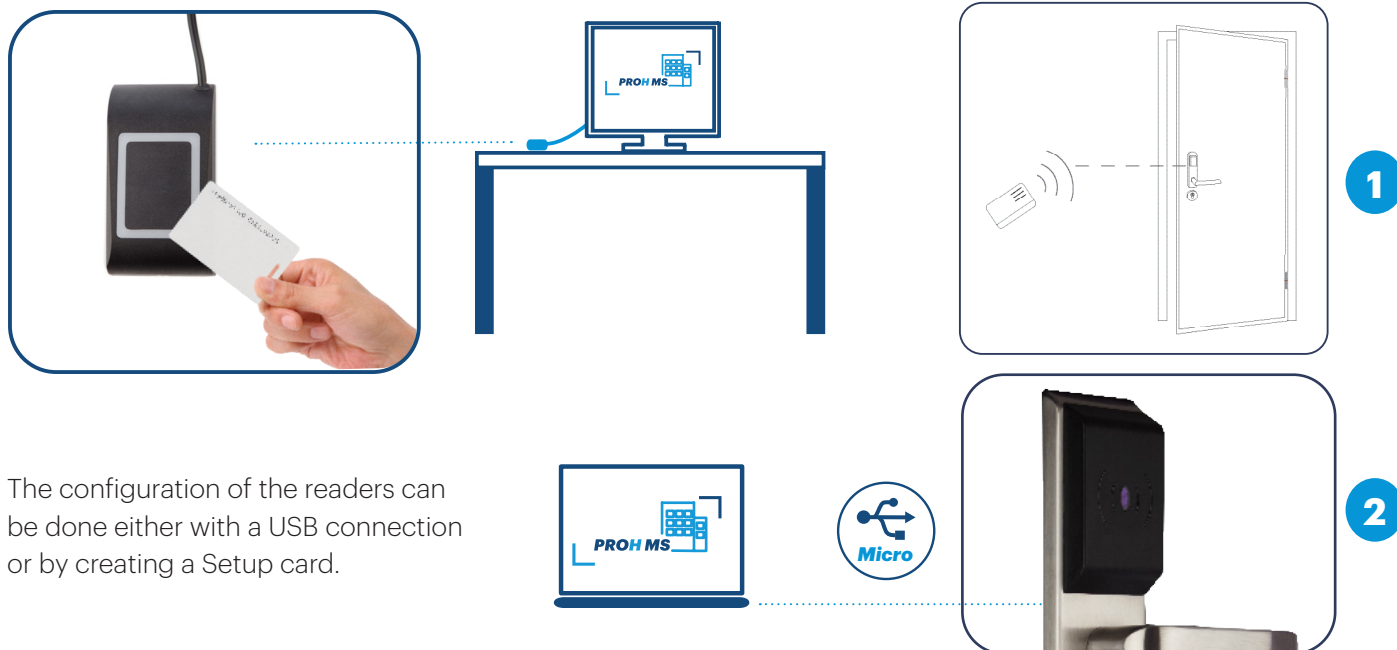
Dimensions:	29 cm long; 6 cm wide escutcheon
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### 4 OPTIONS FOR THE HANDLE



## LOCK CONFIGURATION

Readers configuration done by setup card (1) or Micro USB cable (2)



The configuration of the readers can be done either with a USB connection or by creating a Setup card.

### SOFTWARE



The PROA MS and PROH MS software, and their firmware upgrades, can be downloaded for free from our website:

<http://www.xprgroup.com/products/proa-ms/>

<http://www.xprgroup.com/products/proh-ms/>

For more information on our software, please consult the links and the data sheets published online.

## ACCESSORIES

Two lock keys > **INCLUDED**  
(Master key upon request)



HL1000-MF\_KEYS

13.56 MHz Keyfobs & Cards > **OPTIONAL**



PBX-1E-MS50

PBX-2C-MS50  
PBX-2-MS50 & PBX-2-MS70

RFID desktop reader and enrolment unit > **OPTIONAL**



PROX-USB