

# READER SP453A-D8

## For shower blocks



WATER SAVING

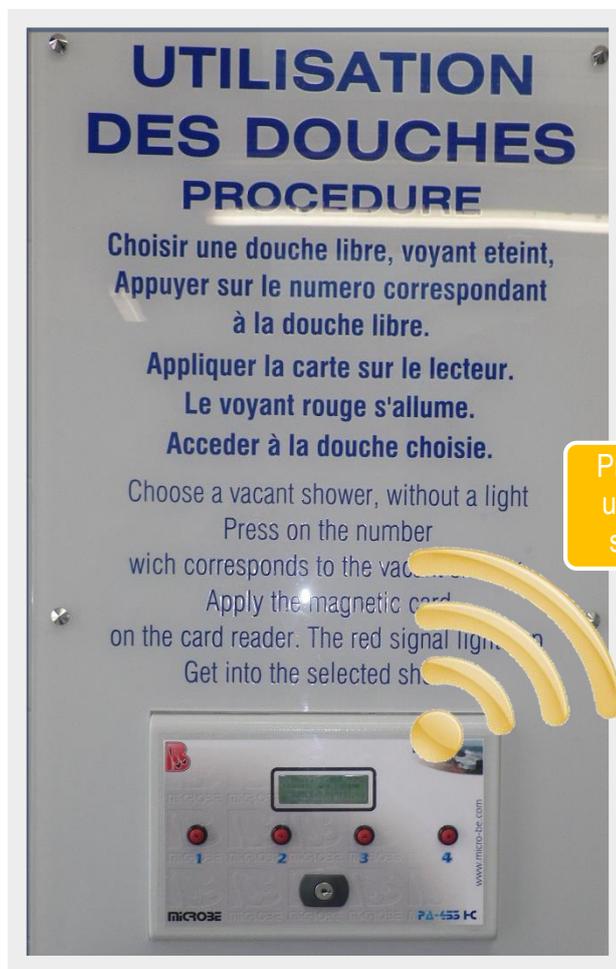
One reader can manage 1 to 8 cubicles.  
It is self-contained. The electronic part is integrated in a metallic box, standard IP55, for humid atmospheres.

The reader works with a smartcard, identifying the user and debiting his electronic purse from his smartcard according to the defined duration or amount.

The contactless smartcard is programmed with SAXO software (see datasheet) using a FP153A USB reader which is connected to a computer.

They can also be managed using the specific harbour software. Contact us about the compatibility.

The aerial can be displaced from the metallic box and fixed in a wall.  
This reader is completely compatible with all our systems, access control, etc.



Prepayment using RFID smartcard

The reader SP 453 A-D8 manages shower cubicles in harbours, camp sites, sports halls, etc. with a multiservice contactless smartcard.



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# Technical specifications



## Electronic

- ✓ Reading/writing distance: 6 cm
- ✓ LCD display 4 lines of 20 characters
- ✓ Selection buttons
- ✓ Real time clock
- ✓ Buzzer
- ✓ Outputs: relay 250 VAC or 30 VDC – 3A to operate solenoid valves.

## Power supply

- ✓ 12 VDC – 800 mA

Technical assistance  
Installation and  
configuration  
Training  
Maintenance

**SELF-CONTAINED**

**ELECTRONIC PURSE**

**PREPAYMENT**

# Options



- ✓ Deported aerial by 10 m
- ✓ Mode BUS connectivity
- ✓ Exists in a version for 2 showers (SP 453 AE D2)



Waterproof keyfob  
can replace the  
smartcard

# Operation

The reader has 8 relays to operate the solenoid valves. Access is granted after verification of access rights and balance of the electronic purse of the smartcard.

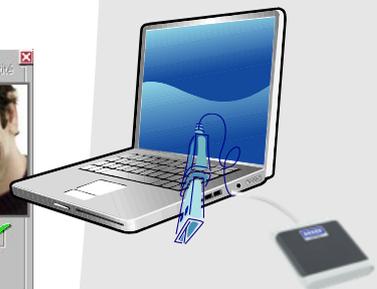
A push button allows the user to select a shower cubicle. On presentation of the smartcard, the amount is debited from the electronic purse of the smartcard and the solenoid valve is activated, for the program duration.

## Mechanics

- ✓ Metallic box, IP55, dimensions 200x300x160mm
- ✓ Fixed on the wall with screws
- ✓ Connexion by cable socket locking
- ✓ Storage temperature: -20°C to +60°C
- ✓ Working temperature: -5° to +55°C

## The smartcard:

- ✓ Robust, waterproof, forgery-proof.
- ✓ Compatible with all our systems.
- ✓ Thickness 0.8 mm, standard Iso 14443
- ✓ Options: screen process printing and/or numbering on the smartcard, cordless or with badge carrier.



## SAXO software:

Each smartcard can be programmed using FP153 A reader by associating each user's file.

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