

Swatch Access Watch for RFID* applications 125 kHz

The Swatch Access watch is the functional and emotional alternative to contactless chip cards and offers greater convenience, is always with you, and is fun to use.

Swatch Access adds a new emotional dimension to an essentially functional activity. The watch is fitted with a read/write chip for various contactless applications. An antenna built into the watch transmits data to the reader.



Technical data:

- Time indication and contactless chip card function (RFID*)
- Contactless RFID* chip EM Microelectronic, 125 kHz, EM4150 V3 f/64. Other chips on request.
- Read and write memory
- Up to 4 independent applications on the chip (fire-walled)
- Data encryption
- Compatible with systems equipped with readers from our sister company EM Microelectronics (www.emmicroelectronic.com)
- Chip works independently from the watch battery
- Unique ID number for each watch, laser engraved which cannot be altered. For visual checks, the ID number is engraved on the watch case bottom.
- Shock-resistant and water-resistant to 30 m (100 feet)
- Design by Swatch. Customized bracelet and loop possible.

Applications:

This contactless RFID* technology can be easily integrated in systems for applications such as:

- Access control
- Ticketing (season ticket, concerts, sports, VIP, etc.)
- Payment in closed applications (stadiums, fitness, restaurants, etc.)
- Loyalty (collect bonus points etc.)
- Public transport

* RFID = Radio Frequency IDentification

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Swatch Access with NXP Mifare 13.56 MHz

Technical data:

- Time indication and contactless chip card function (RFID*)
- Contactless RFID* chip NXP Mifare, 13.56 MHz, MF1 IC S50
- RF communication protocol compliant to ISO 14443A standard
- Read and write memory
- Up to 16 independent applications on the chip (fire-walled)
- Data encryption
- Chip works independently from the watch battery
- Unique ID number for each watch, laser engraved which cannot be altered.
For visual checks, the ID number is engraved on the watch case bottom.
- Shock-resistant and water-resistant to 30 m (100 feet)
- Design by Swatch. Customized bracelet and loop possible.

Applications:

- Access control
- Ticketing (season ticket, concerts, sports, VIP, etc.)
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