

# Digital Republic «Connect»

## Specifications for your data SIM card



Registration of SIM card on  
[connect.digitalrepublic.ch](https://connect.digitalrepublic.ch).

Required information for the registration:

- SIM number of the Digital Republic «Connect» SIM card
- ID, passport or foreigners' identity card
- Credit card and Postfinance card (optional but mandatory for further data packages)

### General information

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<b>Set content Starter SIM card</b>	<ol style="list-style-type: none"> <li>1. 3in1 SIM card</li> <li>2. Data package for CH (various variants and duration)</li> <li>3. Free customer portal access</li> </ol>
<b>Service Provider</b>	Digital Republic Ltd. <a href="https://digitalrepublic.ch">digitalrepublic.ch</a>
<b>Network Operator</b>	Swisscom
<b>Help and Support</b>	Online, <a href="https://support.digitalrepublic.ch">support.digitalrepublic.ch</a>
<b>Terms &amp; Conditions</b>	<a href="#">Terms &amp; Conditions Digital Republic Ltd.</a>

### Subscription & Data properties

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<b>Subscription-Type</b>	Data for mobile Internet
<b>Subscription Services</b>	<ul style="list-style-type: none"> <li>• Data for CH/FL &amp; Europe</li> <li>• Incoming SMS in CH for free</li> <li>• Outgoing SMS blocked</li> <li>• MMS (in- and outgoing) blocked</li> <li>• Voice blocked</li> </ul>

<b>Roaming countries for mobile data</b>	Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Guernsey, Hungary, Iceland, Ireland, Isle of Man, Italy, Jersey, Latvia, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Principality of Liechtenstein, Romania, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Vatican City
<b>Data pop-up's</b>	Yes, for CH/FL and Europa via customer cockpit
<b>Data package validity</b>	Starter SIM card: 30 / 60 / 365 days after activation  Data packages after using up the first included data package: 30 or 365 days after activation

## SIM Details

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<b>SIM card form factors</b>	<ul style="list-style-type: none"> <li>• Standard (1FF)</li> <li>• Mini (2FF)</li> <li>• Micro (3FF)</li> <li>• Nano (4FF)</li> </ul>
<b>MSISDN available?</b>	Yes, Prefix: 077 xxx xx xx for incoming SMS The number will be communicated via email after registration. It can also be found on the customer cockpit.
<b>IP-Addressing</b>	Private, dynamic IP's
<b>APN, Access Point Name</b>	dr.m2m.ch
<b>Speed</b>	With 4G/LTE max. 100 Mbps Download / 50 Mbps Upload

**Supported network technologies**

- 4G/LTE
- 3G
- 2G (until end of 2020 [according Swisscom](#))
- LTE CAT-M1 (only in Switzerland)

**Further Information**

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**SIM card dimensions**

Width: 85.7 (+/- 0.125mm)  
Height: 54mm (+/- 0.05mm)  
Thickness: 0.8 mm (+/- 0.04 mm)  
according ISO 7816-1

**Operating- & storage temperature**

-25°C to + 85°C

**Supply voltage**

ISO class A (5V), B (3V) & C (1.8V)

**Memory Size**

48 KByte

**Minimum updates**

500'000 erase/write-cycles at 85°C

**Data retention time**

>10 years at 25°C

**Further information**

The SIM product lifetime comes from a combined consideration of usage, average operating temperature range and package type. High operating temperatures and high number of erase/write cycles to the memory could lead to a degradation of the memory cells.

In short, higher temperature, more stress occurring on silicon cells. The real influence of SIM is ambient temperature during operation. Due to the heat dissipation from battery, other component, or the installation location, the real ambient temperature inside the concealed communication unit can be higher. Humidity has an add-on influence on temperature raise.

Guaranteed write/erase cycles is the key performance indicator to measure the endurance. The operator memory comes with an endurance value of 500'000 erase/write cycles at +85°C.