

# How to connect to ESIM010 through www.eldes.lt website

**ATTENTION:** In the examples of SMS messages in this manual 'XXXX' means your 4 digit password, '\_' (underscore symbol) – space typing.



## 1. In order to connect to ESIM010 using your web browser, ensure the following conditions:

- ESIM010 is with a SIM card placed in it.
- Power supply is connected.
- The default 4-digit password is changed to a new one and your mobile number is uploaded as administrator mobile number.
- The device isn't connected to computer with USB cable.

## 2. Activate GPRS connection between ESIM010 and the server.

Use default settings\*<sup>1</sup> to connect to ESIM010 through www.eldes.lt website. If default settings is changed, set ESIM010 to work in Client mode and make sure that GPRS server parameters is set to default. To select Client mode send SMS message with the following text:

```
XXXX_setgprs:type:client
```



### Activate GPRS connection using standart or one-time GPRS parameters\*<sup>2</sup>:

To use standart GPRS parameters, send SMS message with the following text:

```
XXXX_connect:profile1
```



Here 'profile1' is the default name of your standart GPRS parameters. By default settings, ESIM010 will connect to ELDES server and session will be activated for 20 minutes.

To use one-time GPRS parameters, for example send SMS message with the following text\*<sup>1</sup>:

```
XXXX_connect:timeout:MM
```



Here 'MM' – time duration in minutes. In the example above, ESIM010 will connect to ELDES server and session will be activated for MM minutes.

## 3. The system generates and sends login details to your mobile telephone.

Upload www.eldes.lt/login webpage in your web browser and login with received username and password to the ESIM010 configurations webpage.

## 4. Make configurations to the device, update users database or/and review the device activity summary.\*<sup>3</sup>

To work properly using configurations web interface, you should wait while webpages is fully downloaded to your web browser before doing other actions.

## 5. Stop the session\*<sup>4</sup>.

If connection session hasn't ended before you closed configurations webpage, send SMS message in the following format:

```
XXXX_stop
```



\*<sup>1</sup> – check Table 1 and examples \*<sup>2</sup> – Device will use standart or one-time GPRS parameters to connect with a server. Standart GPRS parameters can be stored to device memory by SMS messages, software or web browser. Those parameters will be accesible with profile name which you have to include when sending SMS message to activate GPRS connection. Use one-time GPRS parameters when you want to change only one or several parameters from the standart GPRS parameters and use it only for upcoming session. \*<sup>3</sup> – For more information download esim010\_gprs.pdf from www.eldes.lt website. \*<sup>4</sup> - If session ends and you haven't made all the necessary configurations, you will have to start a new session and login to a webpage with new username and password (repeat all steps from no.2).

# How to connect directly to ESIM010 with your web browser.

**ATTENTION:** You can proceed through these instructions only if the SIM card inserted in the device will have static IP address (request your GSM operator if he can provide it).



## 1. Ensure the following conditions:

- ESIM010 is with a SIM card placed in it.
- Power supply is connected.
- The default 4-digit password is changed to a new one and your mobile number is uploaded as administrator mobile number.
- The device isn't connected to computer with USB cable.

## 2. Update standart GPRS parameters.

Activate Server mode by sending SMS message with the following text:

```
XXXX_setgprs:type:server
```

## 3. Activate GPRS connection between ESIM010 and your computer.

You can indicate to use standart or one-time GPRS parameters\*1:

To use standart GPRS parameters, send SMS message with the following text:

```
XXXX_connect:profile1
```

Here 'profile1' is the default name of your standart GPRS parameters. ESIM010 will connect to your computer and session will be activated for 20 (by default settings) minutes.

To use one-time GPRS parameters, for example send SMS message with the following text\*2:

```
XXXX_connect:timeout:MM
```

Here 'MM' – time duration in minutes. In the example above, ESIM010 will connect to your computer and session will be activated for MM minutes.

## 4. The system generates and sends login details to your mobile telephone.

Upload `http://SIM_card_IP:local_TCP_port` webpage in your web browser and login with received username and password to the ESIM010 configurations webpage. Here 'SIM\_card\_IP' is the IP address of your SIM card, 'local\_TCP\_port' – TCP port of your computer which is used to communicate with ESIM010 (For example `http://195.22.161.210:5000`).

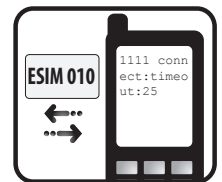
## 5. Make configurations to the device, update users database or/and review the device activity summary.\*3

To work properly using web configurations interface, you should wait while webpages is fully downloaded to your web browser before doing othe actions.

## 6. Stop the session\*4.

If session hasn't ended before you closed configurations webpage, send SMS message in the following format:

```
XXXX_stop
```



\*1 – Device will use standart or one-time GPRS parameters to connect with a server. Standart GPRS parameters can be updated to device memory by SMS messages, software or web browser. Those parameters will be accesible with profile name which you have to include then sending SMS message to activate GPRS connection. Use one-time GPRS parameters when you want to change only one or several parameters from the standart GPRS settings and use it only for upcoming session. \*2 – check Table 1 and examples \*3 – Download `esim010_gprs.pdf` from `www.eldes.it` for detailed information. \*4 - If session ends and you haven't made all the necessary configurations, you will have to start a new session and login to a webpage with new username and password (repeat all steps from no.3).

# Standart GPRS parameters. Examples.



**Table 1. Standart GPRS parameters.**

Settings	Parameters	Default	Description	Mode*
type	client / server	client	Choose Server mode if you want to connect directly to the device (inserted SIM card must have static IP address). Choose Client mode if you want to connect through <a href="http://www.eldes.lt">www.eldes.lt</a> website.	-
profile	Code name	profile1	The code name of the standart GPRS parameters. Configurable only by software or using web interface.	Both
ip	IP or DNS address	config.eldes.lt	ELDES server parameter. It is recommended not to change this default parameter.	Client
port	xxxx	5555	ELDES server parameter. It is recommended not to change this default parameter.	Client
dns1	IP address	84.32.3.34	ELDES server parameter. It is recommended not to change this default parameter.	Client
dns2	IP address	84.32.134.1	ELDES server parameter. It is recommended not to change this default parameter.	Client
lport	xxxx	5000	Computer TCP port used for communication with the device.	Server
timeout	xx	20	Time of one session; when this period expires the administrator has to connect anew using new connection data.	Both
protocol	TCP / UDP	TCP	Data transmission protocol. It is recommended not to change this default parameter.	Both
apn	-	-	GPRS diversion point provided by the GSM operator of the used SIM card. Entered only in the case if GSM operator requires it.	Both
user	-	-	GPRS username. Entered only in the case if GSM operator requires it.	Both
password	-	-	GPRS user password. Entered only in the case if GSM operator requires it.	Both

\* – indicates in which working mode selected parameter is required.

## Examples: how to create SMS messages.

To update standart GPRS parameters with a new one, send SMS message in the following format:

```
XXXX_setgprs:Settings:Parameters
```

Here in the place of 'Settings' and 'Parameters' enter the corresponding commands from Table 1. For example, sending SMS message „0001 setgprs:type:server“ you indicate to ESIM010 to work in Server mode from the next session.

To activate GPRS connection with unique GPRS parameters only for the upcoming session, send the following SMS message:

```
XXXX_connect:Settings:Parameters
```

Here in the place of 'Settings' and 'Parameters' enter the corresponding commands from Table 1. For example, sending SMS message „0001 connect:timeout:25“ you indicate to ESIM010 to start GPRS connection for 25 minutes (session time). To specify more than one parameter, you have to separate settings and parameters with ';' symbol (for example, sending SMS message „0001 connect:type:client;timeout:25“ you indicate to ESIM010 to work in Client mode for 25 minutes).

