Start Guide

⚠ Safety instruction

Please take care to following instructions:

- The router must be used in compliance with international and national law and in compliance with any special or additional restrictions regulating using of the Conel router in different applications and environment.

- To avoid possible health injury or/and damage to appliance or/and not-respecting relevant provisions and standards, using only the original accessories is recommended. Unauthorized device or accessories modification or using accessories that have not been approved may result in router damage or/and in violating of regulations. Unauthorized device or accessories modification or using accessories that have not been approved may result in warranty termination.

- The router must not be opened.

- **Caution!** The SIM card could be swallowed by small children.

- Voltage at the power connector of the router must not be exceeded.

- Do not expose the router to extreme ambient conditions. Protect the router against dust, moisture, and high temperature.

- It is recommended not to use the router at petrol stations. We remind observing locale restrictions concerning using radio-based devices for example at petrol stations, in chemical plants, while working with explosives etc.

- Switch off the router while travelling by plane. Router operation aboard airplane may affect or interfere the mobile network and might be unlawful. Not respecting airplane staff instructions may result in suspension or total cancellation of telephone services for the respective client or/and may result in legal sanctions.

- While using the router close to personal medical devices, such as cardiac pacemakers or hearing aids, you must proceed with heightened caution.

- Operating router too close to TV sets, radio receivers and personal computers, the telephones etc. may cause interference.

- It is recommended to create copy or backup of all the important settings stored in memory of router.

Product disposal instructions

The WEEE (Waste Electrical and Electronic Equipment: 2002/96/EC) directive has been introduced to ensure that electrical/electronic products are recycled using the best available recovery techniques to minimize the impact on the environment. This product contains high quality materials and components which can be recycled. At the end of its life this product MUST NOT be mixed with other commercial waste for disposal. Check with the terms and conditions of your supplier for disposal information.

First use

Before putting the router into operation it is necessary to connect all the components that are required to run your applications.

The router cannot be operated without connected antenna, inserted SIM card and connected power supply. If there is no connected antenna during operation of the router, the router may be damaged!

XR5i v2 router is not equipped with a GSM module which means that SIM card holders and antenna connectors (except for WiFi antenna connector) are not available on the front panel of this router.
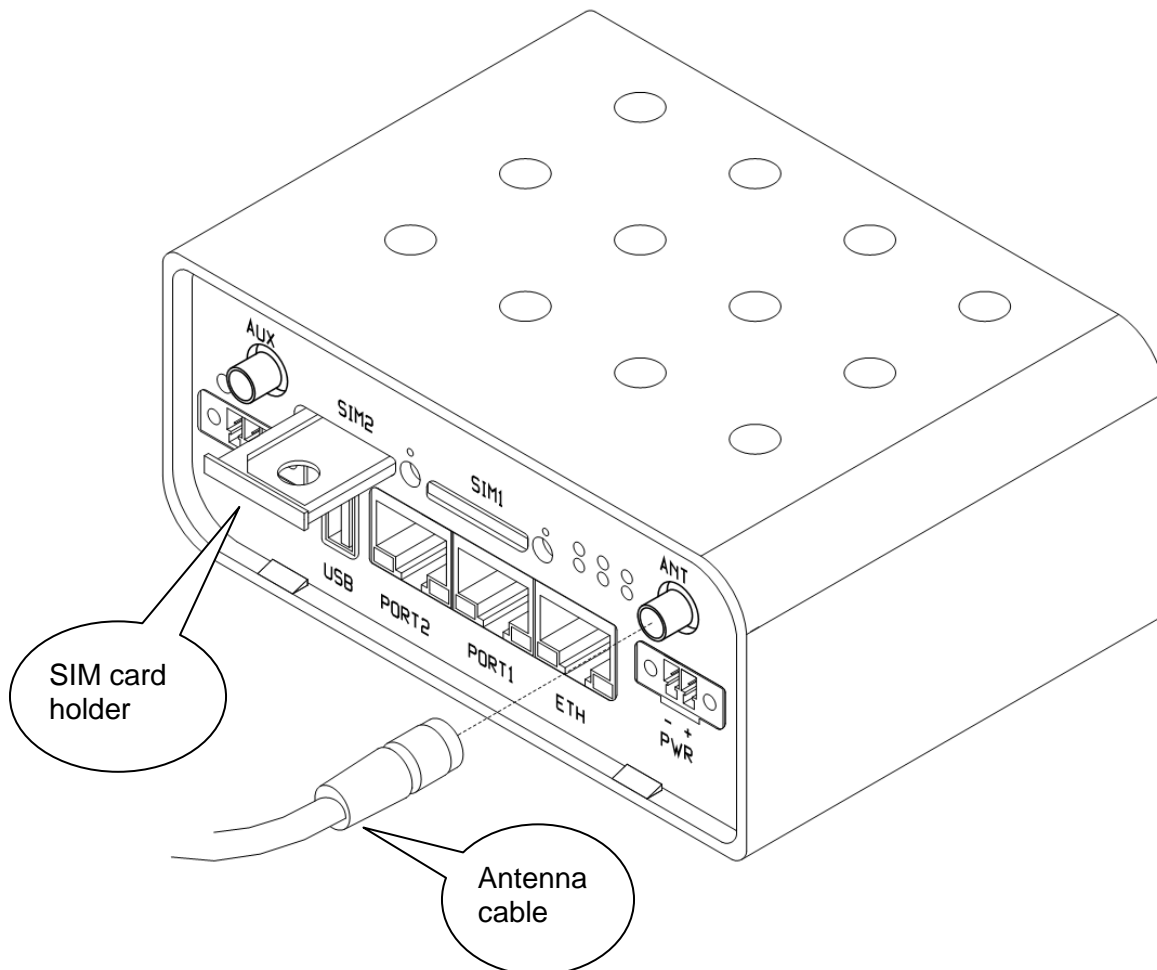
Antenna connection

Use SMA connector for antenna connection. Main antenna is connected by screwing at ANT connector (see figure below).

Inserting SIM card

The SIM card reader for 3 V and 1.8 V SIM cards is located at the front panel of Conel router. To initiate router operation it is necessary to insert an activated SIM card with unblocked PIN to the SIM card reader.

Slide out SIM card holder by pressing the small yellow button right from the SIM card socket. Insert SIM card into holder and push the holder into the reader (see figure below).

Power cable connection

The router requires DC power supply from +10 to +30 V DC. The router has a built-in protection against reverse polarity without signaling.
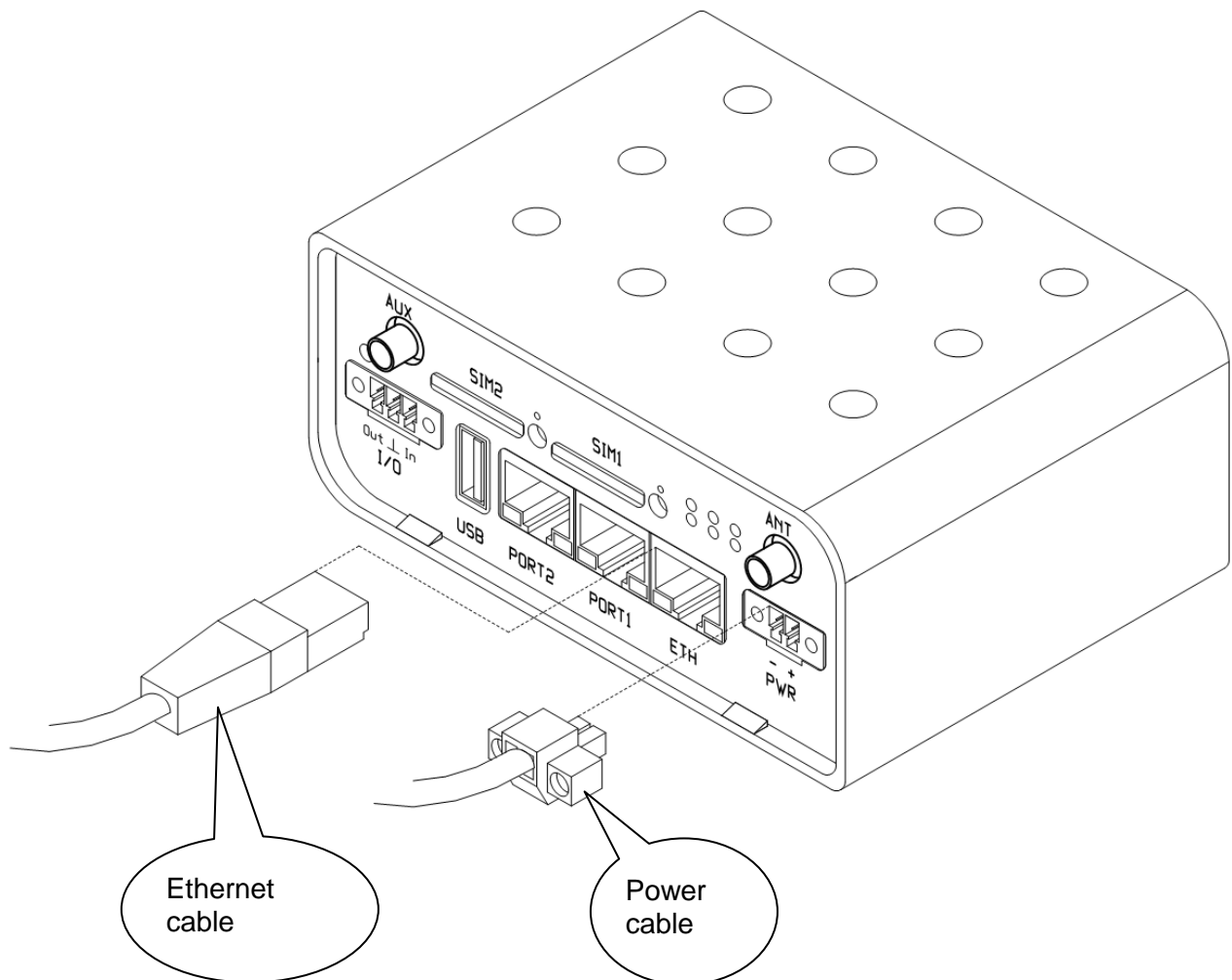
Connect power cable to PWR connector on the front panel of the router and tighten locking screws (see figure below).

Ethernet cable connection

Ethernet cable is connected to ETH connector (see figure below). Ethernet cable is used for configuration and communication with router.

If expansion ports are assembled, cable is connected to port PORT1 or PORT2. Wiring of pins for expansion ports are described in manual of corresponding expansion port. These manuals can be found on the Conel website: http://www.conel.com/download. Please, use the following login information:

Username: ConelFreeDownload
Password: coneldownload

Ethernet cable

Power cable

Configuration settings over web browser

Status monitoring, configuration and administration of router can be done through web interface available after inserting IP address of router into web browser. Default router IP address is 192.168.1.1. Configuration is allowed for user "root" with initial password "root".

Detailed router configuration description via Telnet and web interface can be found in configuration manual on the Conel website http://www.conel.com/download. Please, use the following login information:

> *Username:* *ConelFreeDownload*
> *Password:* *coneldownload*

Configuration settings over Telnet

Status monitoring, configuration and administration of router can be done through Telnet interface after inserting IP address of router into Telnet interface. Then you can configure router by Telnet commands. Default router IP address is 192.168.1.1. Configuration is allowed for user "root" with initial password "root".

Detailed router configuration description via Telnet and web interface can be found in configuration manual on the Conel website http://www.conel.com/download. Please, use the following login information:

> *Username:* *ConelFreeDownload*
> *Password:* *coneldownload*

Restoring and backup of router configuration

The moment PWR LED starts blinking it is possible to restore initial settings of router by pressing RST button on the front panel. After pressing this button configuration is restored and reset is done shortly afterwards (green LED will be on).

We recommend backup router configuration (see configuration manual) before reset because after router reset is current configuration overwritten by default one.

After the first login we strongly recommend to change default password due to security reasons.

User manual and manual for each expansion port can be found on the Conel website http://www.conel.com/download. Please, use the following login information:

> *Username:* *ConelFreeDownload*
> *Password:* *coneldownload*

Conel declares that the Bivias v2, CR10 v2, ER75i v2, LR77 v2, UCR11 v2, UR5i v2, UR5i v2 Libratum and XR5i v2 are in compliance with the essential requirements and other relevant provisions of direction **1995/5/ES**.

Declaration of conformity was issued and it is possible to get it on the Conel website or at producer.