

# Reaching Cisco router console port remotely RutOS

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## Introduction

This article describes how to connect to a console of another device (e.g., a Cisco router, Fortigate firewall, etc.)

## Prerequisites

You will need:

- A router/gateway with USB or RS232 Serial
- An **RS232 (male) - RJ45** cable (to connect to a Cisco AUX port):  

- Or a **USB type Mini - USB type A** cable (to connect to a USB type mini console port):  


## Configuration

There are multiple ways to connect to a console port, which are described in the sections below:

### RS232 - RJ45

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RS232 can be configured from the Services → RS232/RS485 → [RS232 Configuration](#) page. The following RS232 configuration should be used:

- **Enable** RS232.
- Select **baud rate (9600)**.
- Select **Serial type (Over IP)**.

- Select **Protocol (TCP)**.
- Leave mode as **Server**.
- Type in **port (15026)**
- Save configuration



## USB

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Using Mini USB - USB type A configuration. Configured from the WebUI, Services → [USB Tools](#) → USB to Serial page:

Firstly, we'll need to add a new USB to Serial instance:

- Type **name**.
- Press **Add**.



Then, we'll need to configure this instance:

- Enable
- Name should be already written
- Select device **ID**
- Select **baud rate**
- Choose **two** Stop bits
- Select **Serial type (Over IP)**
- Choose **TCP** protocol
- Leave mode as **Server**
- Type in **port (43223)**
- Save configuration



## PuTTY configuration

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The console can be accessed by using software such as **PuTTY** (can be downloaded from [here](#)).

The PuTTY configuration should look like this:

- Type in routers/gateways **IP**
- Select **port** you've configured in RS232/USB to Serial.
- Select **RAW** connection type



Then you should successfully connect to Cisco device: 

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If you do encounter any issues with PuTTY, you can try connecting from Teltonika's device directly to Cisco's:

- Connect to router's/gateway's **CLI**
- Type in this **command "microcom -s 9600 /dev/rs232"**



This way you'd know if Teltonika's device is even able to see whats on the other side of RS232.

## **Console port**

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Example of console ports:

