

RUT230 Configuration Examples

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This page contains various configuration guides for the RUT230 router. Unlike the articles in the [RUT230 Manual](#), which provide more general knowledge on all of the router's features and functions, these guides are more in-depth and are usually focused on specific configuration scenarios with extensive explanations. While most of the guides apply to both Windows and Linux Operating Systems, some are exclusive to one OS and others aren't OS specific in any way and apply to any system.

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Modbus

- [Monitoring via Modbus](#)
- [Modbus custom register block RutOS](#)
- [Modbus TCP Slave Send SMS example](#)

DNP3

- [DNP3_TCP_Master](#)

DLMS

- [DLMS client configuration example](#)

System upgrades

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- [Firmware upgrade via command line](#)

Modem control

- [AT Commands](#)
- [Locking Devices to a Mobile Cell](#)
- [RUTOS gsmctl Commands](#)
- [Multi-APN \(Multiple PDN\)](#)

LAN

- [Setting up a PPPoE between Teltonika Networks router and a Mikrotik device](#)

- [VLAN Inter-Zone accessibility control configuration example](#)

WiFi

- [WiFi WAN](#)
- [How to set up a guest WiFi network](#)
- [WiFi roaming setup for home/small office](#)
- [RUTOS relay / Wi-Fi extender / repeater / bridge configuration](#)
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- [Connecting to a Hotspot WiFi for Internet Connectivity](#)
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- [Extending Router Hotspot Network with TAP100](#)

Connection backup

- [OSPF Route Failover](#)
- [VRRP](#)
- [Starlink_Failover_Configuration](#)

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- [DMVPN](#)
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- [IPsec cofiguration example](#)
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- [1NCE Configuration](#)
- [ExpressVPN](#)
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DDNS

- noip.com
- dynu.com

Email

- [Sending emails via command line](#)

Camera

- [Camera access from VPN RUTOS](#)
- [Remote camera access](#)
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PC

Windows

- [Static IP address setup \(Windows 10\)](#)
- [OpenVPN client on Windows](#)
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Linux

- [Static IP address setup \(Ubuntu 16\)](#)
- [FTP server \(Ubuntu 16\)](#)
- [OpenVPN client on Linux](#)
- [TLS certificates \(Ubuntu 18\)](#)

macOS

- [Setting up a Static IP address on macOS](#)

SNMP

- [SNMP](#)

Use cases

VPN

- [Connecting two same subnet office networks using OpenVPN bridge \(TAP\)](#)
- [Connecting to the office network remotely from your home via VPN \(L2TP over IPsec\)](#)
- [Connecting to the office network remotely from your home via VPN \(OpenVPN\)](#)
- [Configuring clients to access internet through office's gateway from home using VPN](#)
- [Reaching your home network remotely with your Android device](#)
- [Bridged office network with a separate Guest WiFi](#)

- [Anonymous browsing from your home network using NordVPN](#)
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- [L2TPv3 over IPsec configuration example](#)

I/O Juggler

- [SMS and Email alerts Triggered by BAT120](#)

WiFi

- [How to set up a guest WiFi network](#)
- [WiFi roaming setup for home/small office](#)
- [RUTOS relay / Wi-Fi extender / repeater / bridge configuration](#)
- [ironwifi.com \(RutOS firmware\)](#)
- [cobot.me \(RutOS firmware\)](#)

DHCP

- [DHCP Relay configuration example](#)
- [DHCP Relay over L2TPv3 example](#)

Hardware application

- [Ignition detection solution](#)

Third party services

IoT platforms

- [Azure IoT Hub cloud connection](#)
- [Cumulocity](#)
- [da³vid](#)
- [AWS MQTT cloud connection](#)
- [BAG·Tower](#)
- [N3uron Notifier](#)

WiFi

- [IdBlender Secure WiFi Setup](#)
- [ironwifi.com](#)
- [purple.ai](#)
- [UCI-based RelayD configuration with IPv4+IPv6 functionality](#)
- [Guglielmo LUMEN® AAA WiFi Setup](#)
- [OpenRemote](#)