

# TR-1902-LTE IP Passthrough

Status → Overview

**TR-1902-LTE Wireless Cellular Router/Modem** AUTO REFRESH ON

**Status**

- Overview
- Network
- Firewall
- Routes
- System Log
- Kernel Log
- Reboot Log
- Realtime Graphs
- VPN
- System
- Services
- Network
- Logout

**System**

Hostname	TR-1902-LTE
SN	00862500003A0403
Firmware Version	3.2.219
Kernel Version	3.18.29
Local Time	Wed Mar 18 15:23:23 2020
Uptime	0h 50m 44s
Load Average	0.55, 0.40, 0.50

**Mobile 1**

Cellular Status	Up
IP Address	
DNS 1	

**Mobile 1**

Cellular Status	Up
IP Address	
DNS 1	
DNS 2	
Cell Modem	SLM730_SLM750 (05C6_F601)
IMEIESN	869715037828834
Sim Status	SIM Ready
Strength	25 / 31, dBm -63
Selected Network	Automatic
Registered Network	Registered on Home network: "VODAFONE IN", 7,
Sub Network Type	TDD LTE
Location Area Code	CC16
Cell ID	AD7AE02
Band	41,41140
ICCID	89910271001159702491
RSRP	-96 dBm
RSRQ	-11 dB
SINR	14.0 dB

## Disable LAN DHCP:

Network → LAN → General Setup → DHCP Server

Remove tick from dynamic DHCP option and click save & apply.

The screenshot shows the web interface of a TR-1902-LTE Wireless Cellular Router/Modem. The page title is "Interfaces - LAN". The left sidebar contains a navigation menu with items like Status, System, Services, Network, Operation Mode, Mobile, LAN, Interfaces, Wi-Fi, Firewall, Switch, DHCP and DNS, Dynamic Routing, Loopback Interface, Hostnames, Diagnostics, Guest LAN (Guest WiFi), and Static Routes. The main content area is titled "Common Configuration" and has tabs for "General Setup", "Advanced Settings", "Physical Settings", and "Firewall Settings". The "General Setup" tab is active, showing the "Status" section with a "Status" button and a "Switch protocol" button. Below this are fields for "IPv4 address" (192.168.1.1), "IPv4 netmask" (255.255.255.0), and "IPv4 gateway".

The screenshot shows the "DHCP Server" configuration page in the router's web interface. The left sidebar is partially visible, showing "Static Routes", "QoS", and "Logout". The main content area has tabs for "General Setup", "Advanced Settings", and "IPv6 Settings". The "General Setup" tab is active, showing a "Dynamic DHCP" checkbox which is unchecked and highlighted with a red box. Below it are "Force" and "IPv4-Netmask" fields. At the bottom, there are three buttons: "Back to Overview", "Save & Apply" (highlighted with a red box), "Save", and "Reset".

## Mobile Configuration:

Tick IP Passthrough option and click save & apply.

The screenshot shows the web interface for the TR-1902-LTE Wireless Cellular Router/Modem. The browser address bar shows the URL: 192.168.1.1/cgi-bin/luci/stok=52a7c3a1aaa99b7a2a6788a2356d2d87/admin/network/mobile. The page title is "TR-1902-LTE Wireless Cellular Router/Modem".

The left sidebar contains a navigation menu with the following items: Status, System, Services, Network, Operation Mode, Mobile, LAN, Interfaces, Wi-Fi, Firewall, Switch, DHCP and DNS, Dynamic Routing, Loopback Interface, Hostnames, Diagnostics, Guest LAN(Guest WIFI), Static Routes, QoS, and Logout. The "Mobile" option is currently selected.

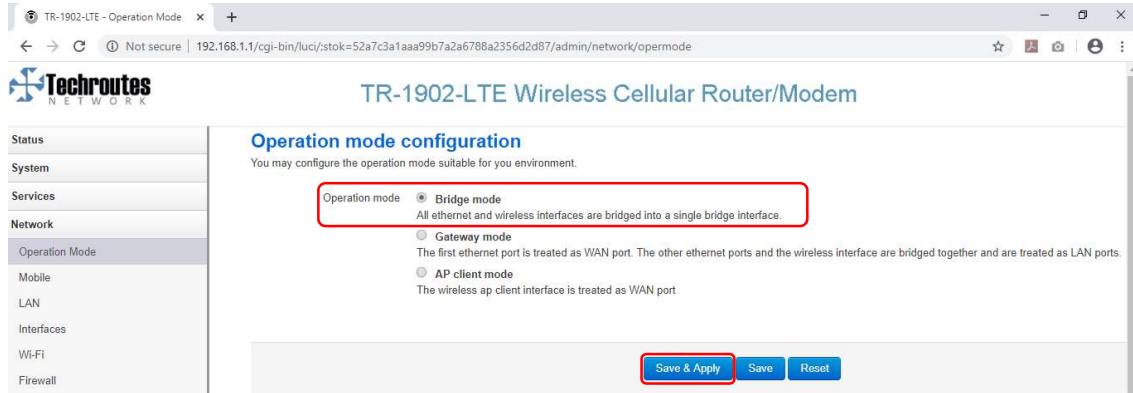
The main content area is titled "Mobile Configuration" and is divided into "General" and "Data Limitation" tabs. The "SIM 1" configuration is shown with the following settings:

- Enable:
- Mobile connection: DHCP mode
- IP Passthrough:  (highlighted with a red box)
- PIN code:
- Dialing number: \*99#
- APN: www
- Authentication method: None
- Dual APN support:
- Network Type: automatic
- MTU: 1500
- Online mode: Keep Alive
- Metric: 0
- IPv4 netmask:
- Default route:

At the bottom of the configuration area, there are three buttons: "Save & Apply" (highlighted with a red box), "Save", and "Reset".

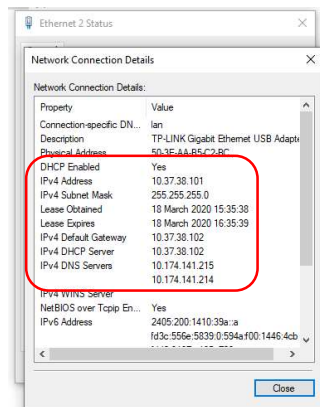
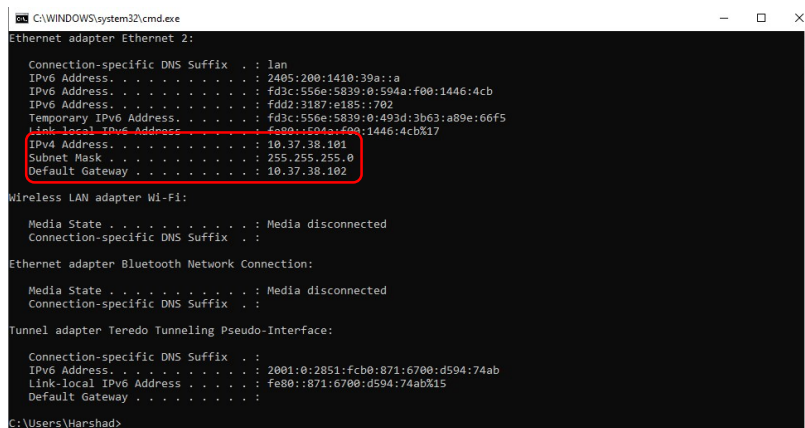
## Operation Mode:

Select Bridge mode option and click save&apply.



## Result 1:

TR-1902-LTE LAN port directly connected to Laptop.



## Result 2:

TR-1902-LTE LAN port directly connected to TR-1905-LTE Router WAN Port.

## Status

TR1905 - Overview

192.168.1.1/cgi-bin/luci/stok=939c900783d6e35e01333323c937c23b

### TR-1905-LTE Wireless Cellular Router/Modem

**Status**

System

Hostname	TR1905
SN	660420156A00A174
Firmware Version	3.2.191
Kernel Version	3.18.29
Local Time	Wed Mar 18 15:42:23 2020
Uptime	0h 32m 22s
Load Average	2.52, 1.47, 0.98
Port Status	LAN1 LAN2 LAN3 LAN4 WAN

## LAN Interface Configuration

TR1905

192.168.1.1/cgi-bin/luci/stok=939c900783d6e35e01333323c937c23b/admin/network/network/lan

### TR-1905-LTE Wireless Cellular Router/Modem

**Interfaces - LAN**

On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use VLAN notation INTERFACE.VLANNR (e.g., eth0.1).

Common Configuration

General Setup | **Advanced Settings** | Physical Settings | Firewall Settings

Status   
 br-lan   
 Uptime: 0h 32m 31s   
 MAC Address: 90:22:06:20:94:D9   
 RX: 794.59 KB (6262 Pkts.)   
 TX: 1.71 MB (5449 Pkts.)   
 IPv4: 192.168.1.1/24   
 IPv6: fd2:3187:e185::1/60

Protocol: Static address

Really switch protocol?  Switch protocol

IPv4 address: 192.168.1.1

IPv4 netmask: 255.255.255.0

IPv4 gateway:

# WAN Interface Configuration

The screenshot shows the 'Interfaces - WAN' configuration page. The left sidebar contains a navigation menu with categories: Status, System, Services, Network, and Network sub-items (Operation Mode, Mobile, LAN, Wired WAN, WAN IPv6, Interfaces, Wi-Fi, Firewall, Static Routes, Switch, DHCP and DNS, Diagnostics, Loopback Interface). The main content area is titled 'Interfaces - WAN' and includes a description: 'On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use VLAN notation INTERFACE.VLANNR (e.g., eth0.1)'. Below this is the 'Common Configuration' section with tabs for 'General Setup', 'Advanced Settings', 'Physical Settings', and 'Firewall Settings'. The 'General Setup' tab is active, showing a 'Status' section with a 'DHCP client' protocol selected in a dropdown menu (highlighted with a red box). Other fields include 'Uptime: 0h 3m 31s', 'MAC-Address: 90:22:06:40:94:D9', 'RX: 941 92 KB (2030 Pkts.)', 'TX: 498 16 KB (2251 Pkts.)', and 'IPv4: 10.37.38.101/24'. A 'Hostname to send when requesting DHCP' field contains 'TR1905'. At the bottom, there are buttons for 'Back to Overview', 'Save & Apply' (highlighted with a red box), 'Save', and 'Reset'.

## Status → Network → WAN

The screenshot shows the 'WAN Status' page. The left sidebar is similar to the previous page but includes 'Logout' at the bottom. The main content area is titled 'WAN Status' and has tabs for 'Mobile', 'Mobile 2', 'WAN', and 'LAN'. The 'WAN' tab is active. Below the tabs is a table for 'IPv4 WAN Status' (highlighted with a red box). The table has two columns: 'Port' and 'Wired-WAN'. The data rows are as follows:

Port	Wired-WAN
Protocol:	dhcp
Address:	10.37.38.101
Netmask:	255.255.255.0
Gateway:	10.37.38.102
DNS 1:	10.174.141.215
DNS 2:	10.174.141.214
Uptime:	0h 5m 24s
Mac Addr:	90:22:06:40:94:D9
RX:	958.65 KB (2151 Pkts.)
TX:	529.22 KB (2433 Pkts.)

Below the table, there is a section for 'IPv6 WAN Status' which shows 'Not connected'. At the top right of the page, there is a status bar that says 'UNSAVED CHANGES: 3' and 'AUTO REFRESH ON'.