

Dyna-mo VISION

Intelligent Remote Video Monitoring

EE Rural Area Solution

In some rural areas, EE can only support the traditional PPP protocol, please follow the below steps to switch the protocol.

Firstly, connect a phone or computer to the 4G router via Wi-Fi or Ethernet, then log in to the router. The default router IP addresses are as below. The default password is *root*.

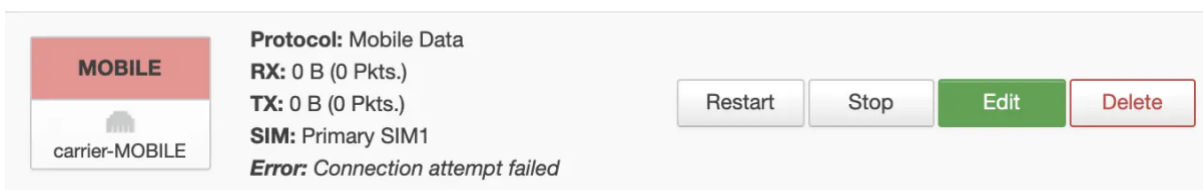
EZR23 Router – <http://192.168.20.1>

EZR33 Router – <http://192.168.30.1>

Review the firmware version. If the firmware version is below EV3117, please download the latest firmware and upgrade locally.

[Firmware download links and upgrade tutorials](#)

After logging into the router admin, go to “*Network > Interfaces*“. Click the “*Edit*” button on the row of “*Mobile*“.



Under the tab of “*General Setup*“, choose “*4G-PPP*” on the option of “*Protocol*“.


It will show ask you to confirm “*Really switch protocol?*”.

Click the button “*Switch protocol*”.


Common Configuration

General Setup

Status

 **Device:** carrier-MOBILE
RX: 0 B (0 Pkts.)
TX: 0 B (0 Pkts.)

Protocol

4G-PPP 

Really switch protocol?

Switch protocol

Then it will jump to the 4G-PPP protocol set-up page.


The *modem device* and *service type* are different from the default MobileData protocol. Please refer to the below parameters to configure the 4G-PPP protocol for EE SIM cards.


Make sure to use the */dev/ttyUSB2* on the Modem device.

Choose the SIM card slot under “Active SIM Card”. If using the SIM1 slot, click the tab of “Primary SIM1”. Use the below parameters.

Common Configuration

General Setup	Advanced Settings	Firewall Settings	Primary SIM1	Secondary SIM2
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Status	<div style="border: 1px solid #ccc; padding: 5px;"> Device: 4g-MOBILE RX: 0 B (0 Pkts.) TX: 0 B (0 Pkts.)</div>
Protocol	<input type="text" value="4G-PPP"/>
Modem device	<input type="text" value="/dev/ttyUSB2"/>
Active SIM Card	<input type="text" value="Primary SIM1"/>
Auto Switch SIM card	<input type="checkbox"/>

 Become effective when disable mwan3

Service type: UMTS/GPRS

APN: everywhere

PIN: Leave it empty if you have not changed the default PIN code.

PAP/CHAP username: eesecure

PAP/CHAP password: secure

Dial number: *99#

Click the “Save & Apply” button on the bottom right corner to apply the new settings. It will jump back to the interface overview page.

General Setup	Advanced Settings	Firewall Settings	Primary SIM1	Secondary SIM2
Service Type	<input type="text" value="UMTS/GPRS"/>			
APN	<input type="text" value="everywhere"/>			
PIN	<input type="text"/>			
PAP/CHAP username	<input type="text" value="eecure"/>			
PAP/CHAP password	<input type="text" value="secure"/>			<input type="button" value="*"/>
Dial number	<input type="text" value="*99#"/>			

Finally, reboot the router to activate the new settings.

After successfully connected to EE mobile networks, the Mobile interface will shows the IPv4 address on the interface overview page.