CPE Configuration User Manual
(Wi-Fi/ Indoor)
In the name of God
CPE Configuration

Wireless CPE Configuration Modes
You can configure your CPE in two modes:
1. Bridge mode: You are required to enter the WiMAX ID and password in WiMAX portal every time you need to use the
   WiMAX service;
2. Route mode: You can once enter the WiMAX ID and password in the box related to the CPE configuration and then you
   will automatically be connected to the Internet as soon as you connect the CPE to your PC.

Will my tariff plan change if I change my CPE mode?
No, it won’t. Mode change is about CPE configuration not the tariff plan.

Do I have to pay extra charges for mode change?
No, there is no extra charge for changing mode.

Is it possible to share CPE if I change my CPE mode?
Yes, you simply need to change CPE configuration from Bridge mode to Route mode to be able to share the CPE. It shall be
mentioned that in such case, the WiMAX account will be shared (each user can not use his own WiMAX account) and the
allocated bandwidth will be divided.

Will the timer box be opened if the mode changes?
No, it won’t. The timer box will not be opened if the configuration changes from Bridge mode to Route mode.
Change of CPE Configuration from Bridge Mode to Route Mode

How can I change from Bridge mode to Route mode?
If your CPE is BM632 or BM635, use the following method to change your CPE mode:
Firstly, set your IP configuration to manual. To this end, go to Control Panel from Start menu.
Open Network Connections in the current window.
Click on the Local Area Connection of your network card and go on the stages as defined below:
For the indoor CPEs and Wi-Fi CPE (BM632 and BM635), enter 192.168.1.* for IP Address and 255.255.255.0 for Subnet Mask.
*: any figure from 2 to 254
Open your web browser and type http://192.168.1.1 in the address bar. In the opened page, write «admin» for both Username and Password and click on Login.
Click on Basic and then WAN in the left menu. Select Route from Mode option and click on Apply.
Then go to Security in the left menu, go to WiMAX and enter the following configurations:
PKM: PKMv2_EAP  
Authentication: TTLS  
Inner EAP: MSCHAPv2
(Change TLS to TTLS in this part)

You need to change the domain from Irancell.ir to mtnirancell.com. The MAC address is mentioned here. If this part is blank, please go to page 24. Please be noted that you should enter the MAC address without any space and colon.

(The password has been sent to you through Email and SMS at the time of registration)
Then you are required to reset your CPE. To this end, you need to go to Device section in the subcategory of Maintain and click on Reboot.
Finally, you should reset your IP configuration to automatic mode. To this end, click on Local Area Connection and take the following steps:
Now, your CPE is ready for operation. Open your web browser and search the desired site.
How is it possible to change the CPE configuration from Route mode to Bridge mode?

For indoor CPE (BM632 or BM635):
Firstly, set your IP configuration to manual. To this end, go to Control Panel from Start menu.
Open the Network Connections:
In the opened window, click on Local Area Connection of your network card and take the following steps:
For indoor CPEs and Wi-Fi CPE (BM632 or BM635), enter 192.168.1.* for IP Address and 255.255.255.0 for Subnet Mask
*: any figure from 2 to 254
Go to your web browser and enter http://192.168.1 in the address bar. In the opened page, write admin for both Username and Password and then click on Login.
Click on Basic in the left menu and then open WAN. Select Bridge in Mode section and then click on Apply.
Then go to Security from WiMAX subcategory and enter the following configurations:
PKM: PKMv2_EAP
Authentication: TLS  (Change TTLS to TLS in this part)
NAI: CPE MAC address@irancell.ir
• You need to change the domain from mtnirancell.com to Irancell.ir
• The MAC address is mentioned here. If this part is blank, please go to page 24.
• Please be noted that you should enter the MAC address without any space and colon.
You should reset your CPE. To this end, go to Device in the subcategory of Maintain and click on Reboot.
Finally, change you IP configuration to the automatic mode. To this end, click on Local Area Connection and take the following steps:
Now, your CPE is ready for operation. Open your web browser and enter your WiMAX ID and password in the portal.
How to get the CPE MAC address?

For indoor CPE (BM 632 or 635), take the following stages:
Firstly, you need to set your IP configuration to manual status, as per Page 2.
Then open your web browser and enter http://192.168.1.1 in the address bar.
In the opened page, write «admin» for both Username and Password and click on Login.
Go to Device in the Status section in the left menu. You can find your CPE MAC address in «WAN MAC Address».

![Image of web interface showing how to view CPE MAC address](image.png)