

Abrir portas HGU Mitra

escrito por V. Rosa

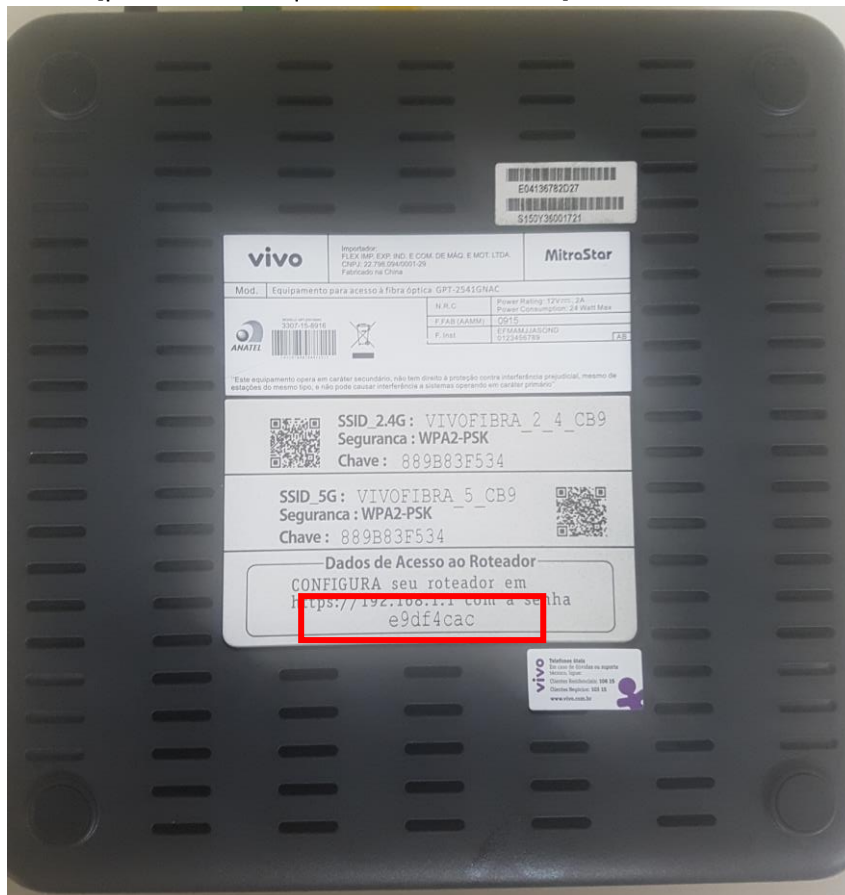
- 1) No navegador de internet, entre em *192.168.15.1/padrão* ou *192.168.1.1/padrão*, conforme a caixa, a tela de login abaixo deve aparecer:



- 2) Utilize a credencial abaixo no formulário:

Usuário: support

Senha: [presente na etiqueta conforme abaixo]



3) Após logar, utilizando o menu da esquerda, clique em *Advanced Setup*:

The screenshot shows the MitraStar web interface. The left sidebar contains a menu with the following items: Device Info, Advanced Setup, Wireless, Wireless 5GHz, Voice, Diagnostics, and Management. The 'Advanced Setup' menu item is highlighted. The main content area displays the 'Device Info' page, which includes a table of device specifications and a section for WAN connection status.

Device Info	
Board ID:	
Symmetric CPU Threads:	2
Build Timestamp:	170328_1322
Software Version:	BR_V1_1.00/VNN 0;b19
Bootloader (CFE) Version:	1.0.41-117.134
Wireless Driver Version:	6.37.14.4803.cpe4.14L04Apatch1.0
Voice Service Version:	
Uptime:	9D 2H 16M 40S

This information reflects the current status of your WAN connection.

LAN IPv4 Address:	192.168.1.1
Default Gateway:	ppp0.1
Primary DNS Server:	200.204.0.10
Secondary DNS Server:	200.204.0.138
LAN IPv6 ULA Address:	
LAN IPv6 Global Address:	2804:431:d718:e47f:e241:36ff:fe78:2d27/64
LAN IPv6 Link Local Address:	fe80::e241:36ff:fe78:2d27/64
Default IPv6 Gateway:	ppp0.1
Date/Time:	Thu Jan 11 15:23:37 2018

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4) Então, clique em *NAT*:

The screenshot shows the MitraStar web interface with the 'NAT' menu item highlighted in the left sidebar. The main content area displays the 'IPv6 LAN Auto Configuration' page. A note states: 'Note: Stateless DHCPv6 is supported based on the assumption of prefix length less than 64. Interface ID does NOT support ZERO COMPRESSION "...". Please enter the complete information. For example: Please enter "0:0:0:2" instead of "...:2".'

Static LAN IPv6 Address Configuration
Interface Address (prefix length is required):

IPv6 LAN Applications

- Enable DHCPv6 Server
- Stateless
- Stateful
 - Start interface ID:
 - End interface ID:
 - Leased Time (hour):
- Obtain IPv6 DNS info from a WAN Interface.
- Use the following Static IPv6 DNS address:
 - Primary IPv6 DNS server:
 - Secondary IPv6 DNS server:
 - Information refresh time:
- Obtain IPv6 DNS info from Proxy:
- Enable RADVD

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5) A seguir, clique em *Virtual Servers*:

The screenshot shows the 'IPv6 LAN Auto Configuration' page in the MitraStar web interface. The left sidebar contains a navigation menu with 'Virtual Servers' selected. The main content area includes a note about Stateful DHCPv6, a 'Static LAN IPv6 Address Configuration' section with an input field for the interface address, and an 'IPv6 LAN Applications' section with several radio button options and checkboxes. The 'Enable DHCPv6 Server' checkbox is checked. Under 'Stateful', the 'Start interface ID' is set to 0:0:0:1 and the 'End interface ID' is 0:0:0:ffff. The 'Leased Time (hour)' is set to 12. The 'Obtain IPv6 DNS info from a WAN interface' radio button is selected. At the bottom, the 'Enable RADVD' checkbox is also checked.

6) Aperte o botão Add:

The screenshot shows the 'NAT - Virtual Servers Setup' page. It features a table with columns for Server Name, External Port Start, External Port End, Protocol, Internal Port Start, Internal Port End, Server IP Address, WAN Interface, and a Remove button. There are four entries in the table, including a 'remote' server and two 'Teredo' entries. Above the table are 'Add' and 'Remove' buttons. Below the table is a 'Current UPNP Rule Listing' section with a smaller table showing External Port, Internal Port, Client IP, and Protocol for three entries.

Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove
remote	45454	45454	TCP	3389	3389	192.168.1.80	ppp0.1	<input type="checkbox"/>
Teredo	50114	50114	UDP	50114	50114	192.168.1.34	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:64533→64533 UDP	64533	64533	UDP	64533	64533	192.168.1.36	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:50458→50458 UDP	50458	50458	UDP	50458	50458	192.168.1.36	ppp0.1	<input type="checkbox"/>

External Port	Internal Port	Client IP	Protocol
50114	50114	192.168.1.34	UDP
64533	64533	192.168.1.36	UDP
50458	50458	192.168.1.36	UDP

7) Em Use Interface selecione *Internet/ppp0.1*:

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**
 Remaining number of entries that can be configured: 28

Use Interface: VoIP/veip0.2
 Service Name: VoIP/veip0.2
 Select a Service: Mediaroom/veip0.3
 Custom Service: Internet/ppp0.1
 Server IP Address: 192.168.1.1

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		

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- 8) Selecione *Custom Service* e preencha a caixa com um nome que descreva o motivo da abertura de porta **sem espaços**, por exemplo, "CameraIP". O nome pode ser escolhido pelo cliente.

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**
 Remaining number of entries that can be configured: 28

Use Interface: Internet/ppp0.1
 Service Name: Select One
 Select a Service: Select One
 Custom Service:
 Server IP Address: 192.168.1.1

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
		TCP		
		TCP		
		TCP		
		TCP		
		TCP		

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NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**

Remaining number of entries that can be configured: 28

Use Interface:

Service Name:

Select a Service:

Custom Service:

Server IP Address:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

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9) A seguir, em *Server IP Address*, preencha o IP interno do computador/dispositivo que terá acesso pela porta aberta. Esse número deve ser fornecido pelo cliente:

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**

Remaining number of entries that can be configured: 28

Use Interface:

Service Name:

Select a Service:

Custom Service:

Server IP Address:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

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10) Em *External Port Start* coloque a porta externa (na internet) inicial que se deseja usar para comunicar com o servidor, por exemplo, 1234. Em *External Port End*, coloque a porta externa final que se deseja usar na internet.

Por exemplo, se quero abrir só a porta 1234, colocarei 1234 no *External Port Start* e no *External Port End* também.

Se quero abrir as portas 5001, 5002, 5003 e 5004, eu coloco 5001 no *External Port Start* e 5004 no *External Port End*.

Pode usar todas as linhas da tabela com um intervalo ou porta em cada conforme exemplo abaixo:

MitraStar

support [Logout](#)

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**
 Remaining number of entries that can be configured: 28

Use Interface:

Service Name:

Select a Service:

Custom Service:

Server IP Address:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text" value="1234"/>	<input type="text" value="1234"/>	TCP	<input type="text" value="1234"/>	<input type="text" value="1234"/>
<input type="text" value="5001"/>	<input type="text" value="5004"/>	TCP	<input type="text" value="5001"/>	<input type="text" value="5004"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

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11) Em *Protocol*, a não ser que o cliente entenda as implicações de ser TCP ou UDP, coloque em TCP/UDP:

MitraStar

support [Logout](#)

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**
 Remaining number of entries that can be configured: 28

Use Interface:

Service Name:

Select a Service:

Custom Service:

Server IP Address:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text" value="1234"/>	<input type="text" value="1234"/>	TCP/UDP	<input type="text" value="1234"/>	<input type="text" value="1234"/>
<input type="text" value="5001"/>	<input type="text" value="5004"/>	TCP/UDP	<input type="text" value="5001"/>	<input type="text" value="5004"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

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12) *Internal Port Start* é bastante parecido com o passo 10 mas com referência no computador/câmera da rede interna. Na maioria dos casos é só deixar como está, a não ser que o cliente peça para que seja diferente. *Internal Port End* é calculado automaticamente.

NAT – Virtual Servers

Select the service name, and enter the server IP address and click "Apply/Save" to forward IP packets for this service to the specified server. **NOTE: The "Internal Port End" cannot be modified directly. Normally, it is set to the same value as "External Port End". However, if you modify "Internal Port Start", then "Internal Port End" will be set to the same value as "Internal Port Start".**
 Remaining number of entries that can be configured: 28

Use Interface:

Service Name:

Select a Service:

Custom Service:

Server IP Address:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text" value="1234"/>	<input type="text" value="1234"/>	TCP/UDP	<input type="text" value="1234"/>	<input type="text" value="1234"/>
<input type="text" value="5001"/>	<input type="text" value="5004"/>	TCP/UDP	<input type="text" value="5001"/>	<input type="text" value="5004"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

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13) Clique no botão *Apply/Save* que está na parte de baixo da página:

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End
<input type="text" value="1234"/>	<input type="text" value="1234"/>	TCP/UDP	<input type="text" value="1234"/>	<input type="text" value="1234"/>
<input type="text" value="5001"/>	<input type="text" value="5004"/>	TCP/UDP	<input type="text" value="5001"/>	<input type="text" value="5004"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP	<input type="text"/>	<input type="text"/>

Apply/Save

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14) As regras criadas agora devem aparecer na tabela de Virtual Servers:

NAT – Virtual Servers Setup

Virtual Server allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum 32 entries can be configured.

Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove
remote	45454	45454	TCP	3389	3389	192.168.1.80	ppp0.1	<input type="checkbox"/>
Teredo	50114	50114	UDP	50114	50114	192.168.1.34	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:64533->64533 UDP	64533	64533	UDP	64533	64533	192.168.1.36	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:50458->50458 UDP	50458	50458	UDP	50458	50458	192.168.1.36	ppp0.1	<input type="checkbox"/>
Teredo	65094	65094	UDP	65094	65094	192.168.1.45	ppp0.1	<input type="checkbox"/>
CameraIP	1234	1234	TCP/UDP	1234	1234	192.168.1.123	ppp0.1	<input type="checkbox"/>
CameraIP	5001	5004	TCP/UDP	5001	5004	192.168.1.123	ppp0.1	<input type="checkbox"/>

Current UPNP Rule Listing

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15) Para excluir uma porta aberta, se desejar, clique na caixa Remove daquela porta e então o botão Remove.

NAT – Virtual Servers Setup

Virtual Server allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum 32 entries can be configured.

Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove
remote	45454	45454	TCP	3389	3389	192.168.1.80	ppp0.1	<input type="checkbox"/>
Teredo	50114	50114	UDP	50114	50114	192.168.1.34	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:64533->64533 UDP	64533	64533	UDP	64533	64533	192.168.1.36	ppp0.1	<input type="checkbox"/>
Teredo 192.168.1.36:50458->50458 UDP	50458	50458	UDP	50458	50458	192.168.1.36	ppp0.1	<input type="checkbox"/>
Teredo	65094	65094	UDP	65094	65094	192.168.1.45	ppp0.1	<input type="checkbox"/>
CameraIP	1234	1234	TCP/UDP	1234	1234	192.168.1.123	ppp0.1	<input checked="" type="checkbox"/>
CameraIP	5001	5004	TCP/UDP	5001	5004	192.168.1.123	ppp0.1	<input checked="" type="checkbox"/>

Current UPNP Rule Listing

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