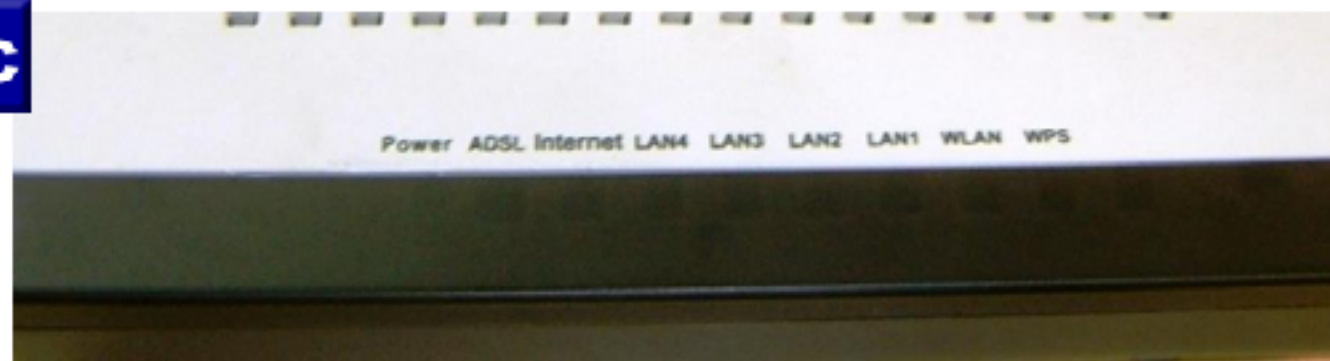


## Menu Inicial

---

- ➡ [Luzes do modem](#)
- ➡ [Acesso as configurações](#)
- ➡ [Configuração em modo PPPoE](#)
- ➡ [Configuração em modo Bridge](#)
- ➡ [Configuração DNS](#)
- ➡ [Configuração DHCP](#)
- ➡ [Configuração WIFI](#)





## Luzes do modem OBSEVA TELECOM RTA04W

|          |                        |                                                                                                                         |
|----------|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Power    | Verde Fixo             | O roteador esta ligado.                                                                                                 |
|          | Vermelho Fixo          | O modem esta reiniciando ou com problema                                                                                |
|          | Desligado              | A energia esta desligada.                                                                                               |
| ADSL     | Verde Fixo             | O sinal ADSL esta sincronizado                                                                                          |
|          | Piscando Verde Devagar | DSL tentando sincronizar. Na tentativa de detectar sinal da operadora                                                   |
|          | Piscando Verde rapido  | O sinal foi detectado e o modem esta quase sincronizando.                                                               |
| Internet | Verde Fixo             | Modem esta autenticado e o modem pronto para que ocorra a navegacao.                                                    |
|          | Vermelho               | Falha durante o processo de autenticao, seja por usuario e/ou senha errado(s), ou por problema com o provedor.          |
|          | Desligado              | Modem desligado, configurado em modo bridge, ou sem sinal ADSL.                                                         |
| Lan4-1   | Verde Fixo             | Há dispositivo conectado à porta associada.                                                                             |
|          | Piscando Verde         | Há trafego de dados entre o dispositivo conectado e o modem pela rede wire less.                                        |
|          | Desligado              | Nenhuma atividade, modem desligado, cabo desligado ou dispositivo conectado eado esta com problema.                     |
| WLAN     | Verde Fixo             | Sinal Wire less esta sendo transmitido do modem, mas nao ha trafego de dado.                                            |
|          | Piscando Verde         | Há trafego de dados entre o dispositivo conectado a porta LAN e o modem.                                                |
|          | Desligado              | Rede wire less desabilitada.                                                                                            |
| WPS      | Verde Fixo             | A conexão WPS esta estabelecida entre o cliente e o interfaç inalámbrico. O LED permanecerá acendido durante 2 minutos. |
|          | Desligado              | Se pulso o botão de WPS durante mais de 10 segundos, a janela WPS está aberta para receber conexões                     |

| Product Specification RTA04W |                                      |                                                                                                                                                                                                                                                                                                                                               |   |
|------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Model                        | RTA04W                               |                                                                                                                                                                                                                                                                                                                                               |   |
| Product Name                 | 54M Wireless 802.11b/g ADSL2+ Router |                                                                                                                                                                                                                                                                                                                                               |   |
| Physical Specifications      | User Interface                       | RJ45                                                                                                                                                                                                                                                                                                                                          | 4 |
|                              |                                      | RJ11                                                                                                                                                                                                                                                                                                                                          | 1 |
|                              |                                      | Reset button                                                                                                                                                                                                                                                                                                                                  | 1 |
|                              |                                      | Power Jack                                                                                                                                                                                                                                                                                                                                    | 1 |
|                              |                                      | On/Off Switch                                                                                                                                                                                                                                                                                                                                 | 1 |
|                              |                                      | WPS/WiFi button                                                                                                                                                                                                                                                                                                                               | 1 |
|                              | Dimensions (WxDxH)                   | 170 * 120 * 33 mm                                                                                                                                                                                                                                                                                                                             |   |
| Features                     | Protocol Feature                     | RFC 1483 Bridge<br>IEEE 802.1D (transparent) bridging<br>Bridge Filtering<br>RFC 1483 Router<br>RIP 1 & 2 supported<br>DHCP (RFC1541) Server, Relay<br>Network Address Translation (NAT)/ Network Address Port Translation (NAPT)<br>DNS relay<br>IGMP v1 and v2                                                                              |   |
|                              | ADSL Feature                         | Support ANSI T1.413 Issue2<br>Support ITU G.992.1 (G.dmt) Annex A<br>Support ITU G.992.2 (G.lite) Annex A<br>Support ITU G.992.3 ADSL2 (G.dmt.bis) Annexes A, L, M<br>Support ITU G.992.4 ADSL2 (G.lite.bis)<br>Support ITU G.992.5 ADSL2 plus                                                                                                |   |
|                              | Ethernet Feature                     | Fully compliant with IEEE802.3/802.3u auto-negotiation function<br>Support 10 base-T and 100 base-TX<br>Support half duplex and full duplex<br>Support back pressure flow control for half duplex, IEEE802.3x flow control for full duplex<br>Support MDI/MDIX auto cross                                                                     |   |
|                              | Security                             | Support firewall function<br>Support revised passwords of two-level users<br>Support electronic signature (preventing different types of versions from upgrading each other)<br>Support denial of service (DoS) which detects and protects against a number of attacks (such as SYN/FIN/RST Flood, Smurf, WinNuke, Echo Scan, Xmas Tree Scan) |   |

| Product Specification RTA04W |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features                     | Management               | <p>Support Web and TFTP modes for local and long-distance version upgrade</p> <p>Support test estate of circuitry connect (diagnostics)</p> <p>Support settings in the Web interface</p> <p>Support Telnet CLI command line</p> <p>Support user setting the reset function: hardware reset or Web interface mode</p> <p>Support configuration files backup and restoration</p> <p>Support modifying IP address of the LAN interface</p> <p>Support system log</p> <p>Support SNMP V1/V2C local and long-distance control (MIB II RFC1213/ADSL line MIB RFC 2662 ATM MIB RFC 2515)</p> <p>Support SNMP enactment</p> <p>Support TR069</p> |
| Wireless                     | Standards                | IEEE 802.11g, 802.11b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                              | Frequency range          | 2.400-2.4835GHz (ISM frequency bands)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                              | Wireless signal rates    | 802.11b compliant: 11, 5.5, 2, 1 Mbps (DSSS/CCK);<br>802.11g compliant: 54, 48, 36, 24, 18, 12, 9, 6 Mbps (OFDM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                              | Wireless operating range | Transmission Distance: 300 meters outdoors, 100 meters indoors<br>coverage area (varying depending on the actual environment.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                              | Wireless security        | 64/128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                              | Antenna                  | Single external antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power                        | Input/Output             | <p>Input power: 100-240 V DC, 50/60Hz</p> <p>Output power: 12 V DC/800mA(min)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Environment                  | Operating Temperature    | 0°C ~ 50°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                              | Storage Temperature      | -20°C ~ 70°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                              | Operating Humidity       | 5% ~ 95%, non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                              | Storage Humidity         | 5% ~ 95%, non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

- 1 - Na barra de endereços do seu navegador/browser digite **192.168.1.1** e aperte **Enter**.
- 2 - Digite o nome de usuário "admin" e senha "gvt12345" e clique em OK.



1 - No Lado esquerdo da tela clique em "WAN Interface" depois no sub-menu "Channel Config"

**Channel Configuration**

This page is used to configure the parameters for the channel operation mode of your ADSL Modem/Router. Note: When connect type of PPPoE and PPPoA, only is "Default", the "Connect" and "Disconnect" button will be enable.

Default Route Selection: ☒ Auto ☐ Sequential

VPI:  VCI:  Encapsulation: ☒ LLC ☐ VC Mux

Channel Mode:  Enable NAPT: ☐

Enable IGMP: ☐

PPP Settings: User Name:  Password:   
 Type:  Idle Time (min):

WAN IP Settings: Type: ☒ Fixed IP ☐ DHCP  
 Local IP Address:  Remote IP Address:   
 Netmask:

Default Route: ☐ Disable ☒ Enable ☐ Auto

Connected ☐

Current ATMVC Table:

| Select | Int    | Mode  | VPI | VCI | Encap | NAPT | IGMP | Default | IP Addr | Remote IP | NetMask         | User Name         | LinkType | Status | Id |
|--------|--------|-------|-----|-----|-------|------|------|---------|---------|-----------|-----------------|-------------------|----------|--------|----|
| +      | pppoe1 | PPPoE | 0   | 35  | LLC   | On   | Off  | On      | 0.0.0.0 | 0.0.0.0   | 255.255.255.255 | (arbytec)@arbytec | ---      | down   |    |

- 2 - Clique no botão "Select" para alterar a configuração da interface ppp interface.
- 3 - Na opção Channel Mode selecione "PPPoE" (PPP over Ethernet)
- 4 - Marque as opções "Enable NAPT" e Default Route "Enable"
- 5 - Em PPP Settings -> Username digite: "turbonet@turbonet", lembre-se que se houver contratado o serviço de IP FIXO o username será o número de "telefone@turbonetpro"
- PPP Password: gvt25
- 6 - Clique no botão "Modify" para salvar todas as modificações



### Channel Configuration

This page is used to configure the parameters for the channel operation mode of your ADSL Modem/Router. Note: When channel type of PPPoE and PPPoE over ATM is selected, the "Channel Mode" and "Channel Mode" buttons will be available.

Default Route Selection: ☒ Auto ☐ Specified

VPI: 0 VCI: 35 Encapsulation: ☒ L2C ☐ VC-Mux

Channel Mode: **PPPoE** Enable NAPT: ☒

Enable IGMP: ☐

PPP Settings: User Name: **turbonet@turbonet** Password: **\*\*\*\*\***  
Type: **Connect mode** Idle Time (min):

WAN IP Settings: Type: ☒ Fixed IP ☐ DHCP  
Fixed IP Address: Network: Remote IP Address:

Default Route: ☒ Enable ☐ Enable ☐ Auto

Channel Mode: ☐

Current ATM VC Table:

| Index | Id    | Mode  | VPI | VCI | Encap | NAPT | IGMP | Uplink | IP      | Remote IP | NetMask         | User Name         | Connection Status | Act |
|-------|-------|-------|-----|-----|-------|------|------|--------|---------|-----------|-----------------|-------------------|-------------------|-----|
| 1     | pppoe | PPPoE | 0   | 35  | L2C   | On   | Off  | On     | 0.0.0.0 | 0.0.0.0   | 255.255.255.255 | turbonet@turbonet | down              |     |

7 - Aparecerá uma um alerta no Menú esquerdo indicando que salve a configuração, para isso, clique em "Save"

- File contents:
  - Status
  - ADSL Driver
  - LAN Interface
  - Wireless
  - WAN Interface
    - Channel Config
    - ATM Settings
    - ADSL Settings
  - Services
  - Advanced
  - Diagnostic
  - Admin
  - Statistics

### Channel Configuration

This page is used to configure the parameters for the channel operation modes of your ADSL Modem/Router. Note: When connect type is PPPoE, and PPPoA, only a "Manual", the "Connect" and "Disconnect" button will be enable.

Default Route Selection: ☐ Auto ☒ Specified

VPI:  VCI:  Encapsulation: ☒ LLC ☐ VC-Mux

Channel Mode:  Enable NAPT: ☐

Enable IGMP: ☐

---

PPP Settings:

|            |                                     |                  |                               |
|------------|-------------------------------------|------------------|-------------------------------|
| User Name: | <input type="text" value=""/>       | Password:        | <input type="text" value=""/> |
| Type:      | <input type="text" value="CHAPv2"/> | Idle Time (min): | <input type="text" value=""/> |

---

WAN IP Settings:

|                   |                                           |                            |                               |
|-------------------|-------------------------------------------|----------------------------|-------------------------------|
| Type:             | <input checked="" type="radio"/> Fixed IP | <input type="radio"/> DHCP |                               |
| Local IP Address: | <input type="text" value=""/>             | Remote IP Address:         | <input type="text" value=""/> |
| Netmask:          | <input type="text" value=""/>             |                            |                               |

Default Route: ☐ Disable ☒ Enable ☐ Auto

Unauthenticated ☐

Current ATM VC Table:

| Select                           | LC    | Mode  | VPI | VCI | Linkup | NAPT | IGMP | Default | IP Addr | Remote IP | NetMask         | User Name           | Unauthenticated          | Status | Edit |
|----------------------------------|-------|-------|-----|-----|--------|------|------|---------|---------|-----------|-----------------|---------------------|--------------------------|--------|------|
| <input checked="" type="radio"/> | pppoe | PPPoE | 0   | 35  | LLC    | On   | Off  | On      | 0.0.0.0 | 0.0.0.0   | 255.255.255.255 | lanrouter@lanrouter | <input type="checkbox"/> | down   |      |

**Attention**

Config completed,  to save the config before leave!

8 – NA próxima tela clique em “edit” conforme indicado a baixo

**REALTEK**

Site contents:

- Factory
- ADSL Driver
- LAN Interface
- Wireless
- WAN Interface
  - Channel Config
  - ATM Settings
  - ADSL Settings
- Services
- Advanced
- Diagnosis
- Admin
- Statistics

### Channel Configuration

This page is used to configure the parameters for the channel operation modes of your ADSL Modem/Router. Note: When connect type of PPPoE and PPPoA only is "Manual", the "Connect" and "Disconnect" buttons will be enable.

---

Default Route Selection: ☐ Auto ☒ Specified

VPI: 0 VCI: 35 Formulation: ☒ LLC ☐ VC-Mux

Channel Mode: PPPoE Enable NAPT: ☒

Enable RUMPF: ☐

---

PPP Settings:

|            |                                |                  |                      |
|------------|--------------------------------|------------------|----------------------|
| User Name: | <span>lnt@nortec@nortec</span> | Password:        | <span>*****</span>   |
| Type:      | <span>Continuous</span>        | Idle Time (min): | <input type="text"/> |

---

WAN IP Settings:

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Type:              | <input checked="" type="radio"/> Fixed IP <input type="radio"/> DHCP |
| Local IP Address:  | <input type="text"/>                                                 |
| Remote IP Address: | <input type="text"/>                                                 |
| Netmask:           | <input type="text"/>                                                 |

Default Route: ☐ Disable ☒ Enable ☐ Auto

Unnumbered: ☐

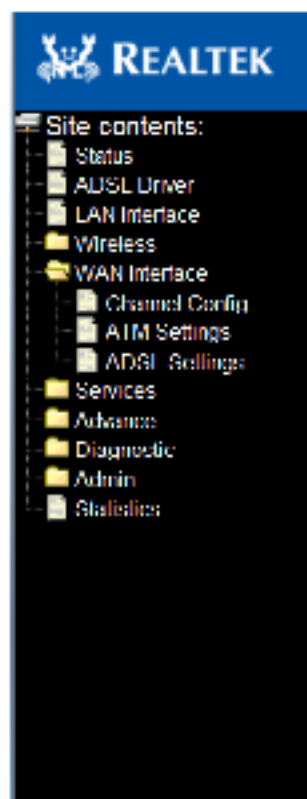
Connect Disconnect Edit Modify Delete Undo Reset

Current ATM VC Table:

| Serial | id     | Mode  | VPI | VCI | Encap | NAPT | PPPoE | DR | IP      | Subnet  | NetMask         | User Name         | Unnumbered | Status  | Edit |
|--------|--------|-------|-----|-----|-------|------|-------|----|---------|---------|-----------------|-------------------|------------|---------|------|
| 1      | pppoe1 | PPPoE | 0   | 35  | LLC   | On   | Off   | On | 0.0.0.0 | 0.0.0.0 | 255.255.255.255 | lnt@nortec@nortec |            | Connect |      |

9 - Na tela que aparecerá, vamos assegurar de que a opção Authentication Method esteja em "PAP" e a opção Bridge esteja "Disable Bridge"

10 - Clique no botão "Apply Changes"



### PPP Interface - Modify

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocol:              | PPPoE                                                                                                                                                                              |
| ATM VCC:               | 0/35                                                                                                                                                                               |
| Login Name:            | hubernet@hubernet                                                                                                                                                                  |
| Password:              | *****                                                                                                                                                                              |
| Authentication Method: | PAP                                                                                                                                                                                |
| Connection Type:       | Continuous                                                                                                                                                                         |
| Idle Time(s):          | 0                                                                                                                                                                                  |
| Bridge:                | <input type="radio"/> Bridged Ethernet (Transparent Bridging)<br><input type="radio"/> Bridged PPPoE (Implies Bridged Ethernet)<br><input checked="" type="radio"/> Disable Bridge |
| AC Name:               |                                                                                                                                                                                    |
| Service-Name:          |                                                                                                                                                                                    |
| 802.1q:                | <input checked="" type="radio"/> Disable <input type="radio"/> Enable                                                                                                              |
| VLAN ID(0-1095):       | 0                                                                                                                                                                                  |

Apply Changes

Return

Undo

## CONFIGURAÇÃO EM MODO PPPoE

11 - Aparecerá uma indicação solicitando que salve a configuração, para isso, clique em "Save"

Site contents:

- Status
- ADSL Driver
- LAN Manager
- Wireless
- WAN Interface
  - Channel Config
  - ATM Settings
  - ATM Settings
- Services
- Advanced
- Diagnostic
- Admin
- Statistics

### Channel Configuration

This page is used to configure the parameters for the channel operation mode. Note: When configuring of DSL and PPPoE with "Manual", the "Link" and "Link" of frame will be visible.

Default Route Selection: ☒ Auto ☐ Specified

VPI:  VCI:  Access Mode: ☒ L2U ☐ VCI-Only

Channel Mode:  Enable NAT: ☐

Enable IGMP: ☐

PPP Settings: User Name:  Password:   
 Type:  Link:  Link Time (min):

WAN IP Settings: Type: ☒ Fixed IP ☐ DHCP  
 Local IP Address:  Remote IP Address:   
 Network:

Default Route: ☐ Enable ☒ Disable ☐ Auto

Unnumbered: ☐

Current ATM VC Table:

| Index | id     | Mode  | VPI | VCI | Usage | NAT | IGMP | DRIVER | IP      | Reverse | IP              | Link            | Link            | Link            | Link            | Link            | Link            | Link            |
|-------|--------|-------|-----|-----|-------|-----|------|--------|---------|---------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1     | pppoe1 | PPPoE | 0   | 35  | L2U   | On  | On   | On     | 0.0.0.0 | 0.0.0.0 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 | 255.255.255.255 |

Attention  
 The page is not valid. Please click "Save" to save the configuration.

1 - No Menú esquerdo clique em "WAN Interface" depois no sub-menu "Channel Config"

**Channel Configuration**

This page is used to configure the parameters for the channel operation mode of your ADSL Modem/Router. Note: When current type of PPPoE and PPPoE only is "Manual", the "Connect" and "Disconnect" buttons will be enable.

Default Route Selection: ☒ Auto ☐ Specified

VPI: 0 VCI: 35 Encapsulation: ☒ LLC ☐ VC Mux

Channel Mode: 1633 Bridged ☐ Enable NAPT ☐

Enable DHCP: ☐

PPP Settings:

| PPP Settings | User Name | Password         |
|--------------|-----------|------------------|
| Type:        | Connect   | Idle Time (min): |

WAN IP Settings:

Type: ☒ Fixed IP ☐ DHCP

Local IP Address:

Remote IP Address:

Netmask:

Default Route: ☒ Enable ☐ Disable ☐ Auto

Unnumbered: ☐

Control Disconnect Add Modify Delete Load Refresh

Current ATM VC Table:

| Index | Int  | Mode  | VPI | VCI | Encap | NAPT | DHCP | Route | IP Addr | Remote IP | NetMask         | User Name         | Unnumbered | Status | Edit |
|-------|------|-------|-----|-----|-------|------|------|-------|---------|-----------|-----------------|-------------------|------------|--------|------|
| 1     | ppp0 | PPPoE | 0   | 35  | LLC   | On   | Off  | On    | 0.0.0.0 | 0.0.0.0   | 255.255.255.255 | hankuser@hankuser | Unnumbered | Open   |      |

- 2 – Clique em "Select"
- 3 - Selecione Channel Mode "1483 Bridged"
- 4 - Clique no Botão "Modify"



**Site contents:**

- Status
- WAN1 Driver
- LAN Interface
- Wireless
- WAN Interface
  - Channel Config
  - ATM Settings
  - ADSL Settings
- Services
- Advance
- Diagnose
- Admin
- Statistics

### Channel Configuration

This page is used to configure the parameters for the channel operation modes of your ADSL Modem Router. Note: When connect type of PPPoE and PPPoA only is "Manual", the "Connect" and "Disconnect" button will be enable.

---

Default Route Selection: ☒ Auto ☐ Specified

VPI: 0      VCI: 35

Channel Mode: 1483 Bridged 2

Enable ICMP: 1483 M R

PPP Settings: 1483 Routed

Encapsulation: ☒ LLC ☐ VC-Mux

Enable NAPT: ☒

Username: labord@labord      Password: \*\*\*\*\*

Type: Continuous      Idle Time (min):

WAN IP Settings: Type: ☒ Fixed IP ☐ DHCP

Local IP Address:      Remote IP Address:

Netmask:

Default Route: ☐ Disable ☒ Enable ☐ Auto

Unnumbered ☐

Connect Disconnect Add Modify Update Undo Refresh

1 3

Current ATM VC Table:

| Select | Id | Mode    | VPI | VCI | Encap | NAPT | ICMP | DRoute | TP Addr | Remote IP | Netmask         | User Name     | Username | Secret | Id |
|--------|----|---------|-----|-----|-------|------|------|--------|---------|-----------|-----------------|---------------|----------|--------|----|
| 1      | 0  | bridged | 0   | 35  | LLC   | On   | Off  | On     | 0.0.0.0 | 0.0.0.0   | 255.255.255.255 | labord@labord | ---      | labord |    |

5 - Aparecerá uma indicação solicitando que salve a configuração, para isso, clique em "Save"

**REALTEK**

Site contents:

- Status
- ADSL Filter
- LAN Interface
- Wireless
- WAN Interface
- Channel Config
- ATM Settings
- ADSL Settings
- Services
- Advanced
- Diagnostics
- Admin
- Statistics

### Channel Configuration

This page is used to configure the parameters for the channel operation modes of your ADSL Modem Router. Note: When connect type of PPPoE and PPPoE only is selected, the Channel Config. Settings will be enabled.

---

**Default Route Selection:** ☒ Auto ☐ Static IP

---

VPI: 0 | VCI: 35 | Encapsulation: ☒ LLC ☐ VCI Mux  
 Channel Mode: **MUX Unbridged** | Enable NAPT: ☐  
 Enable IGMP: ☐

---

**PPP Service:** User Name:  Password:   
 Type: **Continuous** | Idle Time (min):

---

**WAN IP Settings:** Type: ☒ Fixed IP ☐ DHCP  
 Local IP Address:  Remote IP Address:   
 Netmask:

**Default Route:** ☒ Dynamic ☐ Static ☐ Auto  
 Unnumbered: ☐

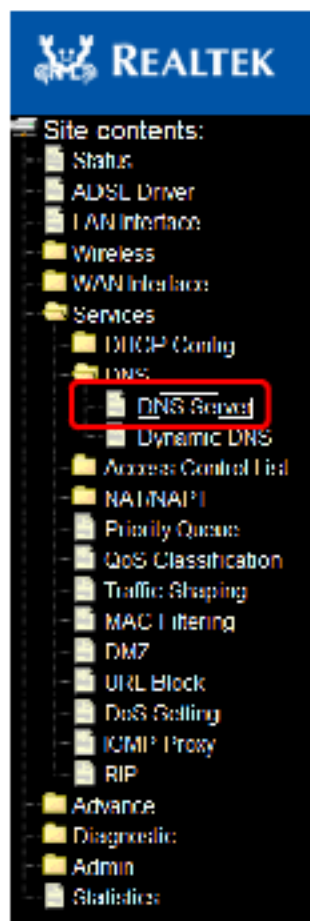
**Current ATM VC Table:**

| Index | Mode | VPI     | VCI | Loop | NAPT | IGMP | Static | IP Addr | Remote IP | NetMask | User Name | Unnumbered | State | Act |
|-------|------|---------|-----|------|------|------|--------|---------|-----------|---------|-----------|------------|-------|-----|
| 1     | at   | bel-003 | 0   | 35   | LLC  | Off  | Off    | Off     | 0.0.0.0   | 0.0.0.0 | 0.0.0.0   |            | down  |     |

**Attention**

On type method, select it to make it effective forever.

1 – No Menú esquerdo clique em “Services” depois no sub-menu “DNS” e por último no sub-menu “DNS Server”



### DNS Configuration

This page is used to configure the DNS server ip addresses for DNS Relay.

☒ Attain DNS Automatically

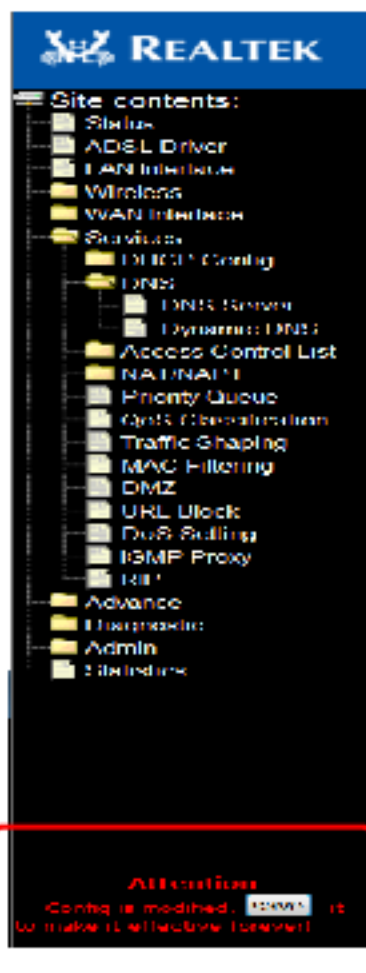
☐ Set DNS Manually

DNS 1:

DNS 2:

DNS 3:

- 2 - Marque a opção "Set DNS Manually" e digite os números de DNS nas opções DNS1 e DNS2 de acordo com a região e clique em "Apply Changes"
- 3 - Aparecerá uma mensagem indicando que salve a configuração , clique em "save".



### DNS Configuration

This page is used to configure the DNS server ip addresses for DNS Relay.

☐ Obtain DNS Automatically

☒ Set DNS Manually

|        |                |
|--------|----------------|
| DNS 1: | 200.175.6.22   |
| DNS 2: | 200.189.127.11 |
| DNS 3: |                |

Apply Changes

Reset Default

- 1 – No Menú esquerdo clique em “Services” depois no sub-menu “DHCP Config” e por último no sub-menu “DHCP Mode”
- 2 – Selecione o modo “DHCP Server”, “DHCP Relay” ou “none”
- 3 – Insira as informações referente ao “Pool”, “Gateway”, “DNS”... E clicar em “Apply Changes”
- 4 – Irá a parecer uma indicação para salvar as configurações, clique em “Save” para concluir

**REALTEK**

Site contents:

- Status
- ADSL Driver
- LAN Interface
- Wireless
- WAN Interface
- Services
  - DHCP Config**
    - DHCP Mode**
    - Static IP
  - DNS
  - Access Control List
  - NAT/VPN
  - Priority Queue
  - QoS Classification
  - Traffic Shaping
  - MAC Filtering
  - DMZ
  - URL Block
  - DoS Setting
  - IGMP Proxy
  - RIP
- Advance
- Diagnostic
- Admin
- Statistics

**DHCP Mode**

This page can be used to config the DHCP mode None, DHCP Relay or DHCP Server.  
 (1) Enable the DHCP Server if you are using this device as a DHCP server. This page lists the IP address pools available to hosts on your LAN. The device distributes members in the pool to hosts on your network as they request Internet access.  
 (2) Enable the DHCP Relay if you are using the other DHCP server to assign IP address to your hosts on the LAN. You can set the DHCP server ip address.  
 (3) If you choose "None", then the modem will do nothing when the hosts request a IP address.

LAN IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0

DHCP Mode:

IP Pool Range:  ~

Default Gateway:

Max Lease Time:  minutes

Domain Name:

DNS Servers:

**Attention**  
 Config is modified.  to make it effective forever!

## Configuração DHCP (com ip estático)

- 1 – No Menú esquerdo clique em “Services” depois no sub-menu “DHCP Config” e por último no sub-menu “Static IP”
- 2 – Insira o IP desejado para o host e o MAC Address do computador ao qual deseja associar
- 3 – Clique no botão “ADD”
- 4 – Irá aparecer uma indicação para salvar as configurações, clique em “Save” para concluir

**REALTEK**

Site contents

- Status
- ADSL Driver
- LAN Interface
- Wireless
- WAN Interface
- Services
  - DHCP Config
    - DHCP Mode
    - Static IP
  - DNS
  - Access Control List
  - NAT/APT
  - Priority Queue
  - QoS Classification
  - Traffic Shaping
  - MAC Filtering
  - DMZ
  - URL Block
  - DoS Setting
  - IGMP Proxy
  - RIP
- Advance
- Diagnostic
- Admin
- Statistics

### DHCP Static IP Configuration

This page lists the fixed IP/MAC address on your LAN. The device distributes the number configured to hosts on your network as they request Internet access.

IP Address:

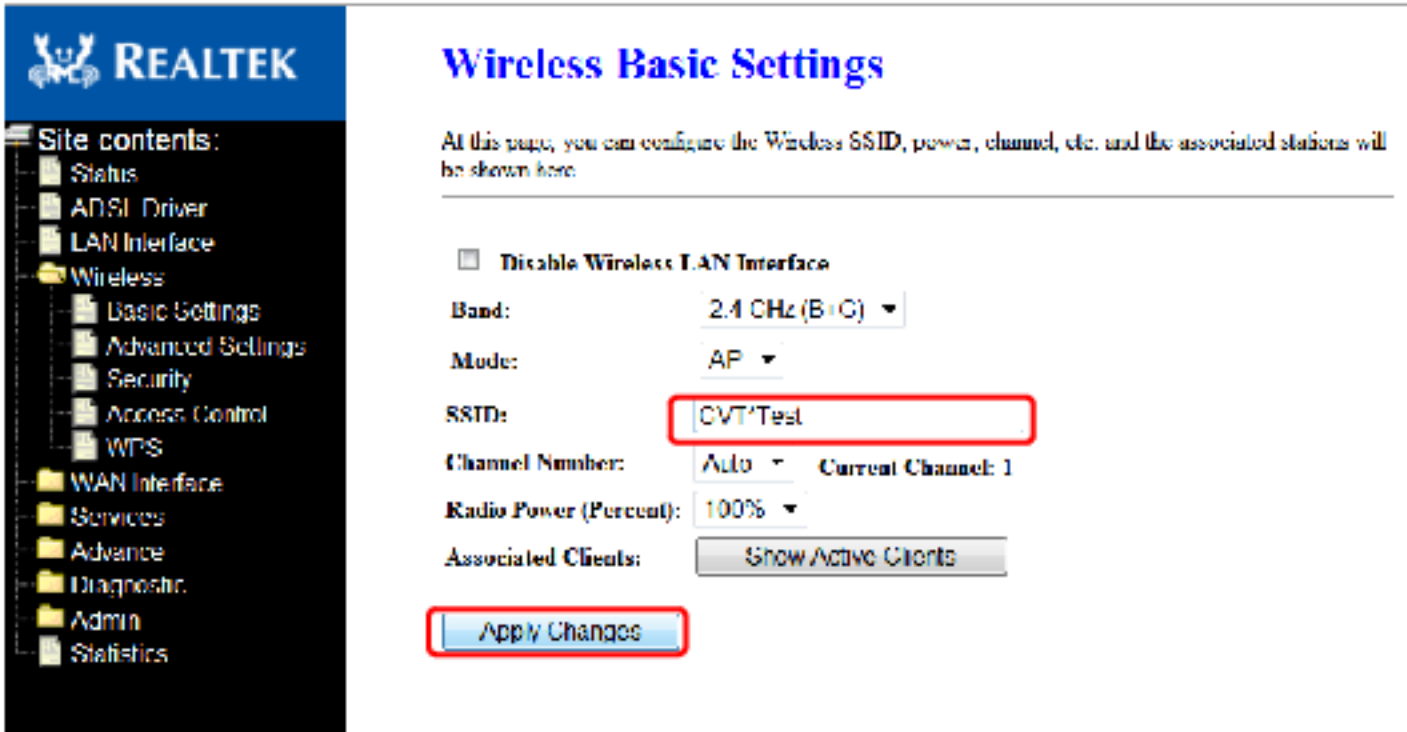
Mac Address:  (ex. 00E086718502)

DHCP Static IP Table:

| Select                   | IP Address  | MAC Address       |
|--------------------------|-------------|-------------------|
| <input type="checkbox"/> | 192.168.3.8 | 00:10:56:71:85:83 |

**Attention**  
Config is modified.  to make it effective.

- 1 – No Menú esquerdo clique em “Wireless” e Depois em “Basic Settings”
  - 2 – Deixe a opção “Disable Wireless LAN Interface” desmarcada.
  - 3 - Para Alterar o nome da rede, vá até o campo “SSID” e digite o novo nome para a rede.
- Obs: O modem não permite que seja digitado “espaços” no nome da rede, se o cliente optar em colocar mais de um nome, oriente-o a colocar ponto (.) , asterisco (\*), hifen (-), underline (\_) ou outro símbolo qualquer.  
Após a configuração clique no botão Apply Changes.



**REALTEK**

**Site contents:**

- Status
- ADSL Driver
- LAN Interface
- Wireless**
  - Basic Settings**
  - Advanced Settings
  - Security
  - Access Control
  - WPS
- WAN Interface
- Services
- Advance
- Diagnostic
- Admin
- Statistics

### Wireless Basic Settings

At this page, you can configure the Wireless SSID, power, channel, etc. and the associated stations will be shown here.

☐ Disable Wireless LAN Interface

Band: 2.4 GHz (B/G) ▼

Mode: AP ▼

SSID: CVT\*Test

Channel Number: Auto ▼ Current Channel: 1

Radio Power (Percent): 100% ▼

Associated Clients: Show Active Clients

Apply Changes

4 – Irá a parecer uma indicação para salvar as configurações, clique em “Save” para concluir

**REALTEK**

Site contents

- Status
- APB I. Driver
- LAN Interface
- Wireless
  - Basic Settings
  - Advanced Settings
  - Security
  - Access Control
  - WPS
- WiFi Interface
- Diagnosis
- Advance
- Register
- Admin
- Statistics

### Wireless Basic Settings

At this page, you can configure the Wireless SSID, power, channel, etc., and the associated status will be shown here.

---

☐ Disable Wireless LAN Interface

Band: 2.4 GHz (J+G) ▼

Mode: AP ▼

SSID: 192.11.1.1

Channel Number: Auto ▼ Channel Channel 1-13

Radio Power (Power): 100% ▼

Associated Client: [Show Active Clients](#)

[Apply Changes](#)

**Attention**

On top of the field, [Save](#) & [Apply](#) to make it effective forever!

- 1 – No Menú esquerdo clique em “Wireless” e depois em “Basic Settings”
  - 2 – Vá até a opção “Channel Number”, e selecione o número do canal desejado na lista.
- Obs: por padrão vem selecionado a opção “Auto” (neste exemplo trocaremos para o numero 3) .
- 3 – Após selecionar o novo canal clique em “Apply Chnages”.

**REALTEK**

Site contents:

- Status
- ADSL Driver
- LAN Interface
- Wireless**
  - Basic Settings
  - Advanced Settings
  - Security
  - Access Control
  - WPS
- WAN Interface
- Services
- Advance
- Diagnostic
- Admin
- Statistics

### Wireless Basic Settings

At this page, you can configure the Wireless SSID, power, channel, etc. and the associated stations will be shown here.

☐ Disable Wireless LAN Interface

Band: 2.4 GHz (B/G) ▼

Mode: AP ▼

SSID: GVTTest

Channel Number: Auto ▼ Current Channel: 8

Radio Power (Percent): Auto

Associated Clients: 2 / Active Clients

Apply Changes

Channel Number dropdown options: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

4 – Irá aparecer uma indicação para salvar as configurações, clique em “Save” para concluir”

**REALTEK**

**Site contents:**

- Status
- ADSL Driver
- LAN Interface
- Wireless
  - Basic Settings
  - Advanced Settings
  - Security
  - Access Control
  - WPS
- WAN Interface
- Services
- Advanced
- Diagnostic
- Admin
- Statistics

### Wireless Basic Settings

At this page, you can configure the Wireless SSID, power, channel, etc. and the associated stations will be shown here.

---

☐ Disable Wireless LAN Interface

Band: 2.4 GHz (D+Q) ▼

Mode: AP ▼

SSID: 11V11Test

Channel Number: 0 ▼ Current Channel: 0

Radio Power (Percent): 100% ▼

Associated Clients: [Show Active Clients](#)

[Apply Changes](#)

**Attention**  
Config is modified. [Save](#) to make it effective, please.

1 – No Menu esquerdo clique em “Wireless” depois no sub-menu “Security”,  
por padrão

2 – Digite a nova senha no campo “Pre-Shared Key” e depois clique em “Apply Changes”

Obs: por padrão o modo de criptografia vem configurado como WPA2-AES, não modifique este parâmetro,

**REALTEK**

**Site contents:**

- Glacier
- ADSL Driver
- LAN Interface
- Wireless**
  - Basic Settings
  - Advanced Settings
  - Security**
  - Access Control
  - WPS
- WAN Interface
- Services
- Advanced
- Diagnostic
- Admin
- Statistics

### Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption: **WPA2(AES)** [Get WEP Key](#)

☐ Use 802.1x Authentication ☒ WEP 64bits ☒ WEP 128bits

WPA Authentication Mode: ☒ Enterprise (RADIUS) ☒ Personal (Pre-Shared Key)

Pre-Shared Key Format: **Passphrase**

**Pre-Shared Key:**

Authentication RADIUS Server: Port **1812** IP address **0.0.0.0** Password

*Note: When encryption WEP is selected, you must set WEP key values.*

**Apply Changes**

3 – Irá aparecer uma indicação para salvar as configurações, clique em “Save” para concluir

**REALTEK**

Site contents:

- Status
- ADSL Down
- LAN Interface
- Wireless
  - Basic Settings
  - Advanced Settings
  - Security
  - Access Control
  - WPS
- WAN Interface
- Services
- Advanced
- Diagnosis
- Admin
- Statistics

### Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Key could prevent any unauthorized access to your wireless network.

Encryption: **WPA2/WPA3**

☐ Use RADIUS authentication ☒ WEP other ☐ WPA/WPA2/WPA3

WPA Authentication Mode: ☐ Enterprise (RADIUS) ☒ Personal (Pre-Shared Key)

Pre-Shared Key (Personal): **Personal**

Pre-Shared Key:

Authentication RADIUS Server: Port **1812** IP Address **0.0.0.0** Password

Note: When encryption WEP is selected, you must set WEP key value.

**Attention**  
 1. Only in wireless SSID to be made collective network