

How to use and set up IPTV?

It is suitable for : N100RE, N150RT, N200RE, N210RE, N300RT, N302R Plus, A3002RU

Application introduction:

IPTV is an interactive network television, is a collection of Internet, multimedia, communications and other technology at an organic whole, through the Internet broadband lines to provide a wide range of interactive services, including digital television, the new technology. Users can watch the rich IPTV program at home via a network set-top box and a regular TV.

Part A: Introduce of IPTV setting page.

We can see the configuration webpage of the IPTV as below.

| М | odel No. N300RT (Firmware V2.1.0) | | | | | | | | | | | | |
|---|-----------------------------------|---|---------------|----------|----------------------|-------------------|-------------|------------|--------------|--------------|----------|------------|------|
| φ | Router Status | VLAN Settings Entries in below table a | are used to a | onfin ul | n oottingo V/I ANo a | are created to pr | ouide the e | ormontatio | n convision | traditionall | u provid | ad by rout | |
| 8 | Operation Mode | VLANs address issues | | | | | | egmentatio | in services | uaditionali | y provid | ed by rout | 515. |
| ۲ | Network - | Vlan On/Off | 0 | Disabled | I | O Enabled | | ЭT | riple Play / | IPTV | | | |
| | WAN Settings | VLAN informa | tion | Tag | VID(1-4090) | Priority | LAN1 | LAN2 | LAN3 | LAN4 | AP | VAP1 | VAP2 |
| | LAN Settings VLAN Settings | Internet | | | 1 | 0 🗸 | | | | | | | |
| | - | IPTV 1 | | | 1 | 4 🗸 | | | | | | | |
| - | Wireless | IPTV 2 | | | 1 | 4 🗸 | | | | | | | |
| | | Apply | Rese | et | | | | | | | | | |
| | QoS | | | | | | | | | | | | |
| ۵ | Firewall | | | | | | | | | | | | |
| ¢ | Management | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

This article will guide you to configure the IPTV mode and LAN ports.

Part B: How to configure IPTV function correctly?

Before IPTV is enabled, check with your ISP to confirm whether the current line supports VLAN TAG.

STEP-1:

If your current line supports VLAN TAG.You need to check Internet Tag and IPTV Tag, then you need to type in the VID fo different services (VID is provided by ISP). If you want to set some ports for IPTV (eg:port1), you should follow the steps below to configure. (1) Choose IPTV Setting. \rightarrow (2) Choose Triple Play/IPTV to open IPTV. \rightarrow (3) Check Internet Tag and IPTV Tag. \rightarrow (4) Enter type in the VID for

| different services. \rightarrow (5) Check the LNA1 configuration. \rightarrow (6) click "Save" to complete the configuration. | |
|---|--|
| | |

| | 🗭 Status | IPTV Settings | | | | | | | | | | | |
|---|-----------------|------------------|---------|-------------|----------|------|--------------------|------|------|----|------|------|--|
| | Operation Mode | IPTV Disabled | Enabled | | | | Triple Play / IPTV | | | | | | |
| | Network - | | | | | | | | | | | | |
| Ľ | WAN Settings | VLAN Information | Tag | VID(1-4090) | Priority | LAN1 | LAN2 | LAN3 | LAN4 | AP | VAP1 | VAP2 | |
| | LAN Settings | Internet | | 40 | 0 🔻 | | | | | | | | |
| | IPTV Settings | IPTV 1 | | 50 | 4 🔻 | | 5 | | | | | | |
| | DHCP&ARP Tables | IPTV 2 | | 1 | 4 • | | | | | | | | |
| | Static Route | L | | L | | 1 | | | | | | | |



For example, if my ISP has told me that they use VLAN 40 for Internet service and VLAN 50 for IPTV service, I type in the parameters as above.

STEP-2:

If your current line does not support VLAN TAG.Please uncheck Internet Tag and IPTV Tag, and then leave the default Settings for the IPTV page. If you want to set some ports for IPTV (eg:port1), you should follow the steps below to configure.

(1) Choose IPTV Setting. \rightarrow (2) Choose Triple Play/IPTV to open IPTV. \rightarrow (3) Check the LNA1 configuration. \rightarrow (4) click "Save" to complete the configuration

| 💬 Status | IPTV Settings | | | | | | | | | | | | |
|-------------------------------|------------------|--------|-------------|----------|------|------|--------------------|------|----|------|------|--|--|
| Operation Mode | IPTV ODisabled | | Enabled | | | | Triple Play / IPTV | | | | | | |
| Network - | | | | | | | | | | | | | |
| WAN Settings | VLAN Information | Tag | VID(1-4090) | Priority | LAN1 | LAN2 | LAN3 | LAN4 | AP | VAP1 | VAP2 | | |
| LAN Settings | Internet | | 1 | 0 • | | | | | | | | | |
| IPTV Settings | IPTV 1 | | 1 | 4 • | | 3 | | | | | | | |
| DHCP&ARP Tables | IPTV 2 | | 1 | 4 • | | | | | | | | | |
| Static Route Routing Table | Apply R | efresh | | | 1 | 1 | | | 1 | | | | |

Note: when you are not aware of your VLAN TAG, it is recommended that you configure it according to the STEP-2 method.

STEP-3:

Finally, connect the set-top box to LAN1 to watch IPTV, which requires a computer on the Internet, a mobile phone directly connected to a router or a wireless connection set up wirelessly.