

How to use and set up IPTV

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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.

Model No. N300RT (Firmware V2.1.0)

Router Status

Operation Mode

Network

WAN Settings

LAN Settings

VLAN Settings

IPv6 Network

Wireless

QoS

Firewall

Management

VLAN Settings

Entries in below table are used to config vlan settings.VLANs are created to provide the segmentation services traditionally provided by routers. VLANs address issues such as scalability, security, and network management.

Vlan On/Off

☐ Disabled

☐ Enabled

☒ Triple Play / IPTV

VLAN information	Tag	VID(1-4090)	Priority	LAN1	LAN2	LAN3	LAN4	AP	VAP1	VAP2
Internet	<input checked="" type="checkbox"/>	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 1	<input checked="" type="checkbox"/>	<input type="text" value="1"/>	<input type="text" value="4"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 2	<input type="checkbox"/>	<input type="text" value="1"/>	<input type="text" value="4"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply

Reset

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 for different services (VID is provided by ISP). If you want to set some ports for IPTV (eg: port1), you should

① Choose IPTV Setting.→ ② Choose Triple Play/IPTV to open IPTV.→ ③ Check Internet Tag and IPTV Tag.→ ④ Enter type in the VID for different services.→ ⑤ Check the LNA1 configuration.→ ⑥ click “Save” to complete the configuration.

Network

- WAN Settings
- LAN Settings
- IPTV Settings** 1
- DHCP&ARP Tables
- Static Route
- Routing Table

IPTV Settings

IPTV ☐ Disabled ☐ Enabled 2 **Triple Play / IPTV**

VLAN Information	Tag	VID(1-4090)	Priority	LAN1	LAN2	LAN3	LAN4	AP	VAP1	VAP2
Internet	<input checked="" type="checkbox"/> 3	40 4	0 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 1	<input checked="" type="checkbox"/> 3	50 4	4 ▼	<input checked="" type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 2	<input type="checkbox"/>	1	4 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply 6 Refresh

IPv6 Network +

STEP-2:

① Choose IPTV Setting.→ ② Choose Triple Play/IPTV to open IPTV.→ ③ Check the LNA1 configuration.→ ④ click “Save” to complete the configuration.

IPTV Settings

IPTV ☐ Disabled ☐ Enabled **Triple Play / IPTV** (2)

VLAN Information	Tag	VID(1-4090)	Priority	LAN1	LAN2	LAN3	LAN4	AP	VAP1	VAP2
Internet	<input type="checkbox"/>	1	0 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 1	<input type="checkbox"/>	1	4 ▼	<input checked="" type="checkbox"/> (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPTV 2	<input type="checkbox"/>	1	4 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply (4) Refresh

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.

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