RUT240 UPNP (legacy WebUI)

The information in this page is updated in accordance with firmware version **RUT2XX_R_00.01.14.7**.

***Note**: this user manual page is for RUT240's old WebUI style available in earlier FW versions. **Click here** for information based on the latest FW version.*

□

Contents

- 1 Summary
- 2 Active UPnP Redirects
- 3 General Settings
- 4 Advanced Settings
- 5 UPnP ACLs

Summary

UPnP (**Universal Plug and Play**) is a service that allows clients in the local network to automatically configure some devices and services.

This chapter of the user manual provides an overview of the UPnP page in RUT240 devices.

UPnP is additional software that can be installed from the **System → Package Manager** page.

Active UPnP Redirects

In this table you can see all currently active UPnP redirects.

General Settings

Field	Value	Description
Enabled	yes | no; default: **no**	Toggles UPnP on or off.
Enable secure mode	yes | no; default: **yes**	Toggles secure mode on or off.

Enable additional logging	yes | no; default: **no**	Puts extra debugging information into the system log.
Downlink	integer; default: **1024**	Bandwidth available for traffic coming in from the external interface in kbit/s. Note that this only information given to clients, it doesn't control the speed. In order to control the speed, you can try configuring QoS.
Uplink	integer; default: **512**	Bandwidth available for traffic out the external interface in kbit/s. Note that this only information given to clients, it doesn't control the speed. In order to control the speed, you can try configuring QoS.
Port	integer [1..65535]; default: **5000**	Port to listen for requests.

Advanced Settings



Field	Value	Description
Report system instead of daemon uptime	yes | no; default: **yes**	Use system uptime as UPnP uptime.
Device UUID	string; default: **unique**	The Device UUID attribute specifies and uniquely identifies a device that supports Universal Plug and Play (UPnP).
Announced serial number	string; Default: **none**	Specifies serial number for XML Root Desc.
Announced model number	string; Default: **none**	Specifies model number for XML Root Desc.
Notify interval	integer; Default: **none**	Interval in which UPnP capable devices send a message to announce their services.
Clean ruler threshold	integer; Default: **none**	Minimum number of redirections before clearing rules table of old (active) redirections.
Clean ruler interval	integer; Default: **none**	Number of seconds before cleaning redirections.
Presentation URL	string; Default: **none**	Presentation url used for the Root Desc.
UPnP lease file	string; default: **/var/upnp.leases**	Stores active UPnP redirects in a lease file (specified), like DHCP leases.

UPnP ACLs

ACLs specify which external ports may be redirected to which internal addresses and ports. There are two preconfigured rules, one to allow high ports, and another to deny the rest. Highest priority is at the top of a list and goes down. To add another specific rule press add button



Field name	Value	Description
Comment	string; default: **none**	Adds a comment to this rule.

External ports	integer [0..65535] | range of integers [0-65535]; default: **none**	External port(s) which may be redirected. May be specified as a single port or a range of ports. To specify a range use a dash ('-') symbol between two integer numbers.
Internal Addresses	ip/integer [0..32]; default: **none**	Internal address to redirect to.
Internal ports	integer [0..65535] | range of integers [0-655355]; default: **none**	Internal port(s) to redirect to May be specified as a single port or a range of ports. To specify a range use a dash ('-') symbol between two integer numbers.
Action	allow | deny; default: **allow**	Allows or forbids the UPnP service to open the specified port.