RUTX12 UPNP

The information in this page is updated in accordance with firmware version **RUTX_R_00.07.06.8**.

□

Contents

- 1 Summary
- 2 Active UPnP Redirects
- 3 MiniUPnP Settings
  - 3.1 General Settings
  - 3.2 Advanced Settings
- 4 MiniUPnP 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 RUTX12 devices.

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

If you're having trouble finding this page or some of the parameters described here on your device's WebUI, you should **turn on "Advanced WebUI" mode**. You can do that by clicking the "Advanced" button, located at the top of the WebUI.

Active UPnP Redirects

The **Active UPnP Redirects** sections allows you to manage currently active UPnP redirects.

MiniUPnP Settings

General Settings



Field	Value	Description
Enable	off | on; default: **off**	Turns UPnP on or off.
Use secure mode	off | on; default: **on**	Turns secure mode on or off.
Enable additional logging	off | on; default: **off**	Puts extra debugging information into the system log when enabled.
Downlink	integer; default: **1024**	Bandwidth available for traffic coming in from the external interface in kilobytes per second. Note that this only information given to clients, it doesn't control the speed.
Uplink	integer; default: **512**	Bandwidth available for traffic out the external interface in kilobytes per second. Note that this only information given to clients, it doesn't control the speed.
Port	integer [1..65535]; default: **5000**	Port to listen for incomming requests.

Advanced Settings



Field	Value	Description
Report system instead of daemon uptime	off | on; default: **on**	If enabled, system service uptime is reported.
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/run/miniupnpd.leases**	Stores active UPnP redirects in a lease file (specified), like DHCP leases.

MiniUPnP 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, click the 'Add' button.



Field	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 be redirect to.
Internal ports	integer [0..65535] | range of integers [0-65535]; default: **none**	Internal port(s) to be 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.