

RUT900 UPNP (legacy WebUI)

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The information in this page is updated in accordance with firmware version [RUT9XX_R_00.06.09.5](#).

Note: this user manual page is for RUT900's old WebUI style available in earlier FW versions. [Click here](#) for information based on the latest FW version.

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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 RUT900 devices.

UPnP is additional software that can be installed from the **Services** → [Package Manager](#) page.

Active UPnP Redirects

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

Active UPnP Redirects			
Protocol	External Port	Client Address	Client Port

There are no active redirects.

General Settings

MiniUPnP settings

General Settings

Advanced Settings

Enabled

Enable secure mode

Enable additional logging

Downlink

Uplink

Port

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

MiniUPnP settings

General Settings

Advanced Settings

Report system instead of daemon uptime

Device UUID

Announced serial number

Announced model number

Notify interval

Clean rules threshold

Clean rules interval

Presentation URL

UPnP lease file

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

MiniUPnP ACLs

ACLs specify which external ports may be redirected to which internal addresses and ports

Comment	External ports	Internal addresses	Internal ports	Action	Sort	
Allow high ports	1024-65535	0.0.0.0/0	1024-65535	allow	↑ ↓	Delete
Default deny	0-65535	0.0.0.0/0	0-65535	deny	↑ ↓	Delete

Add

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 [0-65535]; 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.
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