

RUTX10 DLNA

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The information in this page is updated in accordance with firmware version [RUTX_R_00.02.06.1](#).

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Summary

The **Digital Living Network Alliance (DLNA)** standard provides the possibility to stream media files from local storage to DLNA-capable devices such as computers, Smart TVs, tablets, etc.

This chapter of the user manual provides an overview of the DLNA page in RUTX10 devices.

DLNA is additional software that can be installed from the **Services** → [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 "Basic" button under "Mode", which is located at the top-right corner of the WebUI.



MODE USER FW VERSION
BASIC ADMIN RUTX_R_00.07.00 LOGOUT

DLNA Settings

The **DLNA Settings** page is used to configure the DLNA service on the device. When the DLNA service is enabled, the device listens for incoming connections on the specified network interface and port number. Clients connecting to that port number on that interface will be granted access to the media files residing in the specified directories.

DLNA devices use Universal Plug and Play (UPnP) to discover and communicate with each other on a network. To access the DLNA server hosted on this device you will need a DLNA-capable application. If you're using your phone or other mobile device, simply search for DLNA in the device's application store. On Linux and Windows computers you can use applications capable of playing network media streams (such as VLC). Smart TVs and similar devices may have DLNA support built-in by default.

File format types supported by the DLNA service on this device:

- Audio - WMA, WAV, MP3, FLAC
- Image - JPEG
- Video - WMV, MTS, MP4, MKV, MOV

General Settings

DLNA SETTINGS

GENERAL SETTINGS

ADVANCED SETTINGS

MiniDLNA status *The miniDLNA service is not running.*

Enable off on

Port

Friendly name

Root container

Media directories +

Album art names +

SAVE & APPLY

Field	Value	Description
Enable	off on; default: off	Turns the DLNA service on or off.
Port	integer [0..65535]; default: 8200	DLNA service listening port.
Friendly name	string; default: Teltonika DLNA Server	The name of this server as it will be displayed to clients.
Root container	Standard container Browse directory Music Video Pictures; default: Standard container	Specifies which type of files will be made available in DLNA file sharing. <ul style="list-style-type: none"> • Standard container - allows browsing the shared media directory but also organizes files by type (music, video, pictures). • Browse directory - allows browsing the shared media directory . • Music, Video, Pictures - only shares the files of the specified type.
Media directories	filepath(s); default: /mnt	A list of directories that will be scanned by the DLNA service and made available to clients. You can also specify what types of files should be displayed from the directy. Use 'A' for audio, 'V' for video, 'P' for images followed by a comma and the path to the directory. For example: <ul style="list-style-type: none"> • <i>A,/mnt</i> - share only audio files from the <i>/mnt/sda1</i> directory. • <i>V,/mnt</i> - share only video files from the <i>/mnt/sda1</i> directory. • <i>P,/mnt</i> - share only image files from the <i>/mnt/sda1</i> directory. Click the plus symbol to add more directories.

Album art
names

filename(s); default:
Album.jpg

Name of the file(s) to check when searching for album art images. Click the plus symbol to specify more file names.

Advanced Settings

DLNA SETTINGS

GENERAL SETTINGS

ADVANCED SETTINGS

Interfaces

Database directory

Enable inotify off on

Enable TIVO off on

Strict to DLNA standard off on

Notify interval

SAVE & APPLY

Field	Value	Description
Interfaces	network interface; default: br-lan	Network interface(s) on which this DLNA server will be hosted.
Database directory	filepath; default: /var/run/minidlna	The directory where DLNA will store its database and album art cache.
Enable inotify	off on; default: on	Turns inotify on or off. Inotify is a Linux kernel subsystem that notices changes to the filesystem and reports on these changes to applications, in this case, the DLNA service.
Enable TIVO	off on; default: off	Turn support for streaming .jpg and .mp3 files to a TiVo supporting HMO on or off.
Strict to DLNA standard	off on; default: off	Set this to strictly adhere to DLNA standards. Turning this on will allow server-side downscaling of very large JPEG images, which may hurt JPEG serving performance on (at least) Sony DLNA products.
Notify interval	integer; default: 900	Notify interval in seconds.