

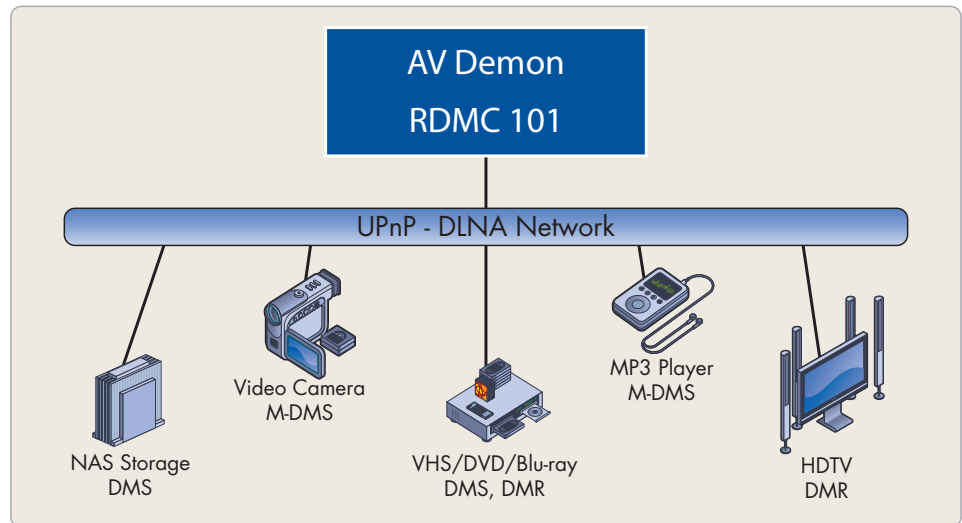
Allegro

AV Demon RDMC 101

RDMC 101 Benefits

- DLNA Certified reference testbed Digital Media Controller (DMC)
- Appears in "My Network Places" as a UPnP Basic device
- Simple set-up
- Easy to use interface
- Support for DLNA 1.0/1.5 DMS, DMR and M-DMS devices
- Supports DLNA 1.0/1.5 default media types JPEG, LPCM, MPEG2
- Web Interface
- Telnet Interface
- Supports DMC "Upload" and "Download" capabilities

DLNA Certified™ Reference Digital Media Controller



The Allegro AV Demon RDMC 101 is a DLNA Certified Digital Media Controller (DMC) that complies with DLNA Networked Device Interoperability Guidelines Expanded (Version 1.5). Specifically targeted for use by DLNA Independent Certification Vendors (ICV) and Consumer Electronics (CE) manufacturers creating DLNA enabled products, the RDMC 101 is ideal for validating interoperability within the DLNA 3 Box model.

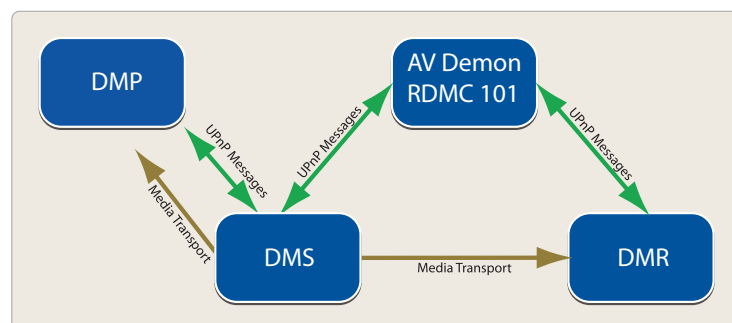
AV Demon RDMC 101

Specifically created as a reference testbed platform to function in the DLNA 3 Box model, Allegro's AV Demon RDMC 101 is easy to set-up and more importantly easy to use. With UPnP Basic device capabilities built into the unit, the RDMC 101 appears in "My Network Places" folder and is easily accessed by clicking on the associated icon. The Web interface enables users on a local network to discover, browse and control DLNA devices and provides an easy to navigate visual representation of available Digital Media Servers (DMS) and Digital Media Renderers (DMR). A Telnet interface is also available and provides more in-depth command, control and information regarding the DLNA network.



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RDMC Web Interface

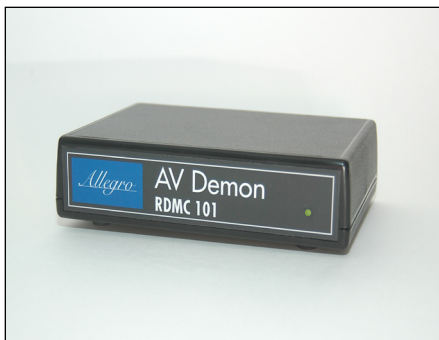
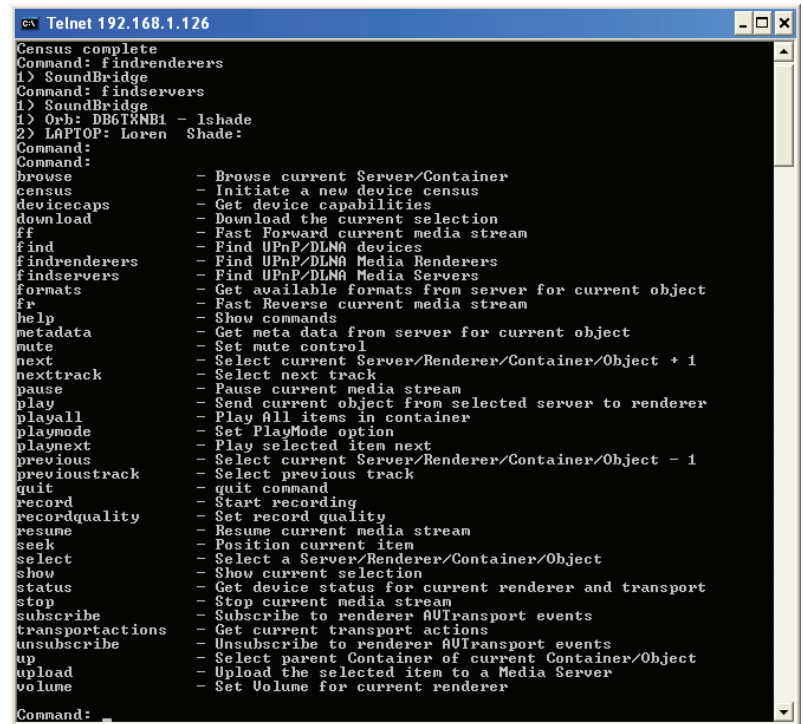
The RDMC 101 uses a web based interface to interact with other DLNA devices. Discovering, browsing and controlling devices is performed with ease by clicking or selecting various elements on the RDMC 101 web interface. An ICV or CE device manufacturer will find this mode of operation easy to use and well suited for initial testing during development or initial testbed integration.

RDMC Telnet Interface

The Telnet interface available on the RDMC 101 offers a finer grained control over DLNA devices. This mode of operation offers over 35 commands to discover, query and control compatible devices. Engineering teams and ICVs can utilize this interface along with a Telnet scripting application for testing automation. This interface also supports DMC "Upload" and "Download" functionality enabling a method to exercise uploading digital content to a DMS.

RDMC 101 and Allegro Toolkits

Allegro's *RomPlug™* toolkits offer your engineering team flexible and robust tools for building state of the art network enabled CE devices that leverage industry endorsed UPnP and DLNA technology. The AV Demon RDMC 101 specifically uses Allegro's *RomPlug Control* development toolkit for implementing a UPnP Control networking architecture. In addition the *RomPlug Media Control* toolkit provides DLNA specific capabilities to interact with other DLNA devices: Digital Media Renderer (DMR), Digital Media Server (DMS), Mobile Digital Media Renderer (M-DMR) and Mobile Digital Media Server (M-DMS). Additional web interface capabilities are enabled with the use of *RomPlug Basic* and *RomXML* providing UPnP Presentation and AJAX support. *RomCLI* enables the RDMC command line interface via Telnet. The combination of the five toolkits and their capabilities enable the RDMC 101 to function as a DLNA Certified DMC.



Specifications

Physical		
Length	4	in
Width	6	in
Height	1.5	in
Power		
AC Power	110/120	V
Frequency	50/60	Hz

Interfaces		
USB	RESERVED	n/a
DB-9 Serial	RESERVED	n/a
RJ-45 Ethernet	10/100	Mbps
Embedded Hardware		
RTOS	ThreadX by Express Logic	
CPU	Netsilicon ConnectCore 9C, NS9360 ARM 9 at 155 MHz	

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