

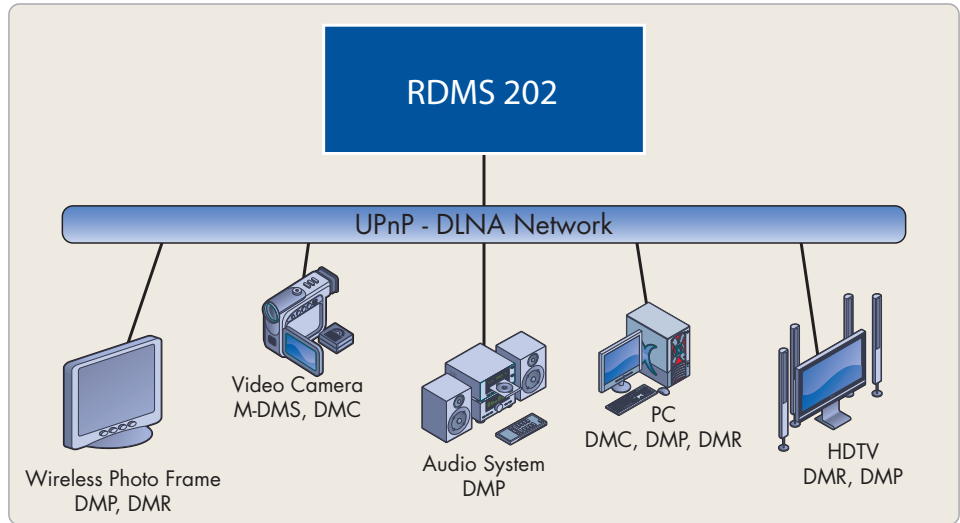
Allegro

RDMS 202 RDMS 202D

RDMS 202 Benefits

- Certified DLNA 1.5 DMS
- Simple set-up
- Easy to use interface for configuration and control
- Supports all mandatory DLNA 1.0/1.5 default media types and most optional media types
- Supports "Upload" and "Download" capabilities
- RDMS 202D adds DTCP-IP Link Protection, supported for production key and facsimile key testing
- Integrated DLNA Test Content, with user provided content easily added

DLNA Reference Digital Media Server



Allegro's RDMS 202 and RDMS 202D are DLNA enabled media server (DMS) reference designs. The RDMS 202 and RDMS 202D are certified devices that comply with the 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 RDMS 202 and RDMS 202D are ideal for validating DLNA interoperability and data link protection within the DLNA 3 Box model. RDMS 202 units are exclusively available to DLNA members with the access to DLNA testing content. RDMS 202D additionally require proof of a valid DTLA (www.dtcp.com) license agreement.

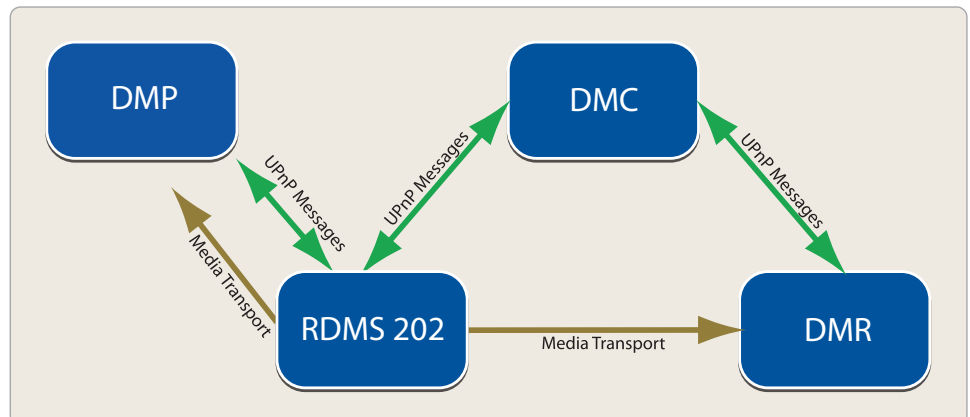
RDMS 202

Specifically created as a reference testbed platform to function in the DLNA 3 Box model, Allegro's RDMS 202 is easy to set-up and more importantly easy to use. The RDMS 202 appears in "My Network Places" folder as a media server and is easily accessed by clicking on the associated icon. The Web interface enables users to configure and browse the DLNA content and meta data delivered with the unit.



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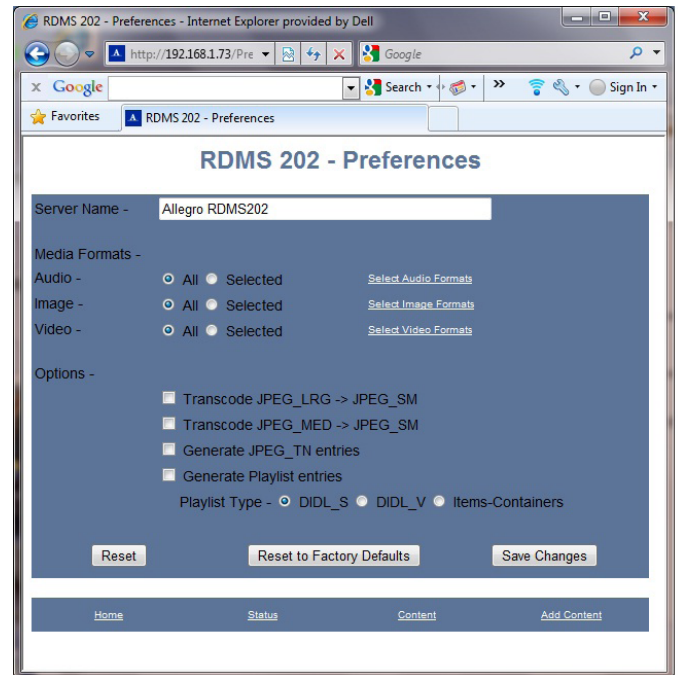
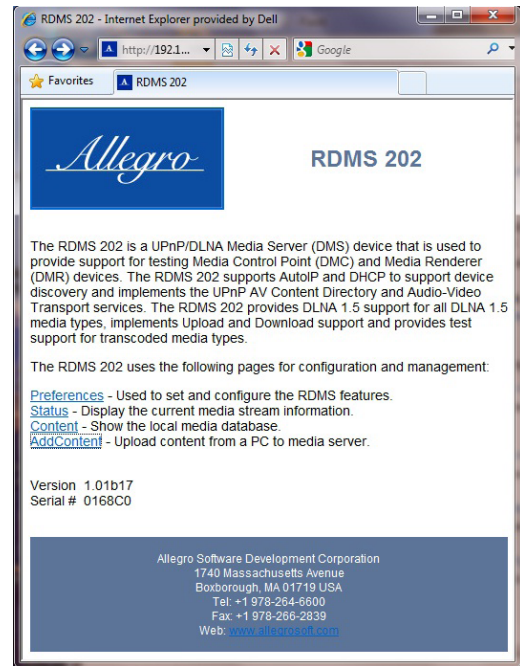


RDMS Web Interface

The RDMS 202 uses a web based interface to interact and configure the device. Using the web interface, users can configure the RDMS in various operating modes including the use of DTCP keys in the case of the RDMS 202D, query the status of the device, browse content and add content. The web interface also includes the ability to remotely provision the RDMS 202 with the latest firmware. An ICV or CE device manufacturer will find the web interface easy to use and well suited for testing during development or testbed integration.

RDMS 202, RDMS 202D and Allegro Toolkits

Allegro's *RomPlug*TM 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 RDMS 202 specifically uses Allegro's *RomPlug Advanced* development toolkit for implementing a UPnP networking architecture. In addition the *RomPlug MediaServe* toolkit provides DLNA specific capabilities to interact with other DLNA devices as a Digital Media Server (DMS). The RDMS 202D also makes use of the *RomPlug DTCP* toolkit for enabling data link protection. Additional web interface capabilities are enabled with the use of *RomPlug Basic* and *RomXML* providing UPnP Presentation and AJAX support. *RomWebClient* and *RomDNS* enable the RDMS with remote provisioning capabilities. The combination of the seven toolkits and their capabilities enable the RDMS 202 to function as a DLNA Certified DMS.



Specifications



Physical		
Length	4.375	in
Width	2.75	in
Height	1.875	in
Power		
AC Power	110/240	V
Frequency	50/60	Hz

Interfaces		
USB	USB 2.0	Allegro PQI datastick with DLNA Test Content
Micro USB	RESERVED	n/a
RJ-45 Ethernet	10/100	Mbps
E-SATA	RESERVED	n/a
SD	RESERVED	n/a
Embedded Hardware		
RTOS	Linux	
CPU	Marvell 88F6281 @ 1.2 GHz	

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