

# RM-DN5 Configuration Guide

*This brief guide explains how to set up your RM-DN5 device. It is intended for DigitalView/MediaSystem staff who will be setting up RM-DN5 devices for demos or for customers.*

Firmware version: V1.08.10

Kernal version: V2.83.01.10

## 1 Configuring your RM-DN5/RP-500

Ensure that the Remote Player 500 unit has two files under “MEDIA” folder on its CF card when initially booting:

- netcfg.ini
- dvsync.ini

### 1. The .ini files: netcfg.ini and dvsync.ini

#### netcfg.ini

The netcfg.ini file defines the system configuration of the RM-DN5/RP-500. The file is located under “MEDIA” folder on the CF card for the system configuration during power up. If this file is not present on the card, the default NVRAM stored values will be used.

ITEM	DESCRIPTION
IO_OUTPUT_MESSAGE_THROUGH_232_ENABLE	Enable message output on RS-232 port 0 = Disable message output 1 = Enable message output [Default]
IP_OVERWRITE	Change IP settings on player 0 = Keep the old IP settings on player [Default] 1 = Overwrite with new IP settings on player
IP	IP address 0.0.0.0 = DHCP mode [Default: 0.0.0.0]
NETMASK	Subnet mask (Ignore if set to DHCP) [Default: 0.0.0.0]
GATEWAY	Gateway value (Ignore if set to DHCP) [Default: 0.0.0.0]
DNS1	DNS table [ Default: 0.0.0.0]
DNS2	

TIME_ZONE	GMT time zone setting Format: +/- hh [Default: 0]																						
DVSYNC_SHOW_DOWNLOAD_FILENAME	Display filename on screen while downloading 0 = Do not show filename while content updating 1 = Show filename while content updating [Default]																						
USB_UPDATE_ENABLE	Enable USB update 0 – Disable 1 – Enable USB update [Default]																						
TIME_SERVER	Set time server address pool.ntp.org [Default]																						
DATALOG_DURATION_IN_DAY	Max. day(s) to keep data log [Default: 31]																						
CLEANUP_INTERVAL_IN_MINUTE	Interval to clean up data log [Default: 1440]																						
DAILY_END_TIME_ENABLE	Stop playing End of Day 0 = disable 1 = enable [Default]																						
USB_POLLING_TIME_FOR_MOUNT_IN_SECON	The polling time to check USB device [Default: 30]																						
TELNET_ENABLE	Open Telnet port 0 = disable [Default] 1 = enable																						
VOLUME	Master volume set, Range (0-32) [Default: 16]																						
X_SCREEN_MODE	This is a <u>READ ONLY</u> value in netcfg.ini. The mode value is reported by player. <table border="1"> <tr><td>1 (1280x720p60 – VGA)</td><td>12 (1920x1080i60 – VGA)</td></tr> <tr><td>2 (1280x768p60 – VGA)</td><td>113 (NTSC – S-Video)</td></tr> <tr><td>3 (1280x1024p60 – VGA)</td><td>114 (PAL – S-Video)</td></tr> <tr><td>4 (1920x1080p60 – VGA)</td><td>201 (1280x720p60 – YUV)</td></tr> <tr><td>5 (1024x768p60 – VGA)</td><td>212 (1920x1080i60 – YUV)</td></tr> <tr><td>6 (800x600p60 – VGA)</td><td>213 (NTSC – YUV)</td></tr> <tr><td>7 (640x480p60 – VGA)</td><td>214 (PAL – YUV)</td></tr> <tr><td>8 (1920x1200p60 – VGA)</td><td>401 (1280x720p60 – HDMI)</td></tr> <tr><td>9 (1600x900p60 – VGA)</td><td>404 (1920x1080p60 – HDMI)</td></tr> <tr><td>10 (1600x900p60 – VGA)</td><td>405 (1024x768p60 – HDMI)</td></tr> <tr><td>11 (1600x1200p60 – VGA)</td><td>411 (1600x1200p60 – HDMI)</td></tr> </table>	1 (1280x720p60 – VGA)	12 (1920x1080i60 – VGA)	2 (1280x768p60 – VGA)	113 (NTSC – S-Video)	3 (1280x1024p60 – VGA)	114 (PAL – S-Video)	4 (1920x1080p60 – VGA)	201 (1280x720p60 – YUV)	5 (1024x768p60 – VGA)	212 (1920x1080i60 – YUV)	6 (800x600p60 – VGA)	213 (NTSC – YUV)	7 (640x480p60 – VGA)	214 (PAL – YUV)	8 (1920x1200p60 – VGA)	401 (1280x720p60 – HDMI)	9 (1600x900p60 – VGA)	404 (1920x1080p60 – HDMI)	10 (1600x900p60 – VGA)	405 (1024x768p60 – HDMI)	11 (1600x1200p60 – VGA)	411 (1600x1200p60 – HDMI)
1 (1280x720p60 – VGA)	12 (1920x1080i60 – VGA)																						
2 (1280x768p60 – VGA)	113 (NTSC – S-Video)																						
3 (1280x1024p60 – VGA)	114 (PAL – S-Video)																						
4 (1920x1080p60 – VGA)	201 (1280x720p60 – YUV)																						
5 (1024x768p60 – VGA)	212 (1920x1080i60 – YUV)																						
6 (800x600p60 – VGA)	213 (NTSC – YUV)																						
7 (640x480p60 – VGA)	214 (PAL – YUV)																						
8 (1920x1200p60 – VGA)	401 (1280x720p60 – HDMI)																						
9 (1600x900p60 – VGA)	404 (1920x1080p60 – HDMI)																						
10 (1600x900p60 – VGA)	405 (1024x768p60 – HDMI)																						
11 (1600x1200p60 – VGA)	411 (1600x1200p60 – HDMI)																						
TRACKTOTRACK_ENABLE	Function of Track to Track Gap removal 0 – Disable [Default] 1 – Enable																						
DAILY_REBOOT_ENABLE	Auto reboot by daily 0 – Disable 1 – Enable [Default]																						

DAILY_REBOOT_TIME	Auto reboot schedule [Default: 030000] Mid-night 03:00:00
DATALOG_ENABLE	Datalog enable 0 – Disable 1 – Enable [Default]

If you are using DHCP, *netcfg.ini* should look like this (i.e. IP set to 0.0.0.0)

```
IP=0.0.0.0
NETMASK=0.0.0.0
GATEWAY=0.0.0.0
DNS1=0.0.0.0
DNS2=0.0.0.0
TIME_ZONE=8
DVSYNC_SHOW_DOWNLOAD_FILENAME=1
```

If you are using a static IP then the file should instead have IP, Netmask and Gateway value assigned from your LAN administrator. See this example:

```
IP=192.168.1.60
NETMASK=255.255.255.0
GATEWAY=192.168.1.210
DNS1=205.252.177.77
DNS2=208.167.231.55
TIME_ZONE=8
DVSYNC_SHOW_DOWNLOAD_FILENAME=1
```

### **dvsync.ini**

In *dvsync.ini*, which is the configuration file for DVSYNC operation. RM-DN5/RP-500 reads this file located under "MEDIA" folder on the CF card during power up. The setting definition in this file are described in the following table:

ITEM	DESCRIPTION
DVSYNC_INTERVAL_TIME_IN_MINUTE	Server synchronization interval in minute
INCLUDE_FILE	File extension(s) types to be specifically included
EXCLUDE_FILE	File extension(s) types to be excluded
DVSYNC_CONTENT_SERVER_IP	FTP content server IP address or domain name
DVSYNC_CONTENT_SERVER_PATH	FTP server content path
DVSYNC_CONTENT_SERVER_USERNAME	FTP server access user name
DVSYNC_CONTENT_PWD	FTP server access password
DVSYNC_CONTENT_PORT_NO	FTP server access login port
DVSYNC_DATALOG_INTERVAL_TIME_IN_MINUTE	Interval to upload data log on to server in minute
DVSYNC_DATALOG_SERVER_IP	FTP data log server IP address or domain name
DVSYNC_DATALOG_SERVER_PATH	FTP server data log path
DVSYNC_DATALOG_SERVER_USERNAME	FTP server access data log user name

DVSYNC_DATALOG_PWD	FTP server access data log password
DVSYNC_DATALOG_PORT_NO	FTP server access data log login port

The value DVSYNC\_INTERVAL\_TIME\_IN\_MINUTE means the time between updates. This is in unit of minute..

Note the example of dvsync.ini :

```
DVSYNC_INTERVAL_TIME_IN_MINUTE=3
INCLUDE_FILE=
EXCLUDE_FILE=
DVSYNC_CONTENT_SERVER_IP=10.1.0.2
DVSYNC_CONTENT_SERVER_PATH=/media/
DVSYNC_CONTENT_SERVER_USERNAME=msdemo
DVSYNC_CONTENT_PWD=123456
DVSYNC_CONTENT_PORT_NO=21

DVSYNC_DATALOG_INTERVAL_TIME_IN_MINUTE=3
DVSYNC_DATALOG_SERVER_IP=10.1.0.2
DVSYNC_DATALOG_SERVER_PATH=/datalog/
DVSYNC_DATALOG_SERVER_USERNAME=msdemo
DVSYNC_DATALOG_PWD=123456
DVSYNC_DATALOG_PORT_NO=21
```