

Firmware Update Procedure by HTTP Server

Rev.1.1

Please read before updating firmware

This document explains the procedure to update firmware of this device by using HTTP server function. For more details about the HTTP server, the name for the each part of this device, operations of OSD and more, please refer to the User's Manual.

Precautions

- Target Model : M Series
- Do not turn off the main power of this device, or extract LAN cable during update.
- For the ways to connect PC and this device via network by using HTTP server function, please refer to the "Controlling the Monitor via LAN" in User's Manual.
- This device uses "JavaScript" and "Cookies" and the browser should be set to accept these functions. Please refer to the help files for the web browser to change the settings to use JavaScript and Cookies.
- The data set by OSD in this device will not be changed by updating firmware.
- When updating firmware revision via network, enable "DISPLAY" setting in NETWORK SECURITY.
- After updating the firmware, the display settings will be reset under certain circumstances. Please check the Update History on the FIRMWARE download page.

About the sign

This document uses the following signs.

Note

Mentions the information which should be noted.

Information

Mentions the additional information or a useful information.

Preparation for Firmware Update

1. Connect LAN cable to the device

Connect LAN cable to the place indicated with red symbol bellow.



Update Firmware

1. Start up the browser and access the home screen

The URL for the home screen of this device is "http://<device's IP Address>/index.html".

NEC	M321	HDM12				
HOME		HOME				
REMOTE CONTROL						
INPUT PICTURE		Welcome to the management and configuration web interface. You can use the navigation menus on the left to access additional pages.				
SCHEDULE		MONITOR INFORMATION				
PROTECT		MODEL NAME	ME551			
2121211		SERIAL	00000000000			
NETWORK MAIL SNMP		FIRMWARE VERSION				
AHS		REVISION	1.009A			
NETWORK SERVIC	E	ETHERNET (CONTROL)				
		MAC ADDRESS	D4:92:34:06:F5:57			
		IPv4 ADDRESS	192.168.0.20			
		SUBNET MASK	255.255.255.0			
		DEFAULT GATEWAY	192.168.0.1			
		DNS PRIMARY	192.168.0.1			
		DNS SECONDARY	0.0.0.0			

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2. Press "UPDATE FIRMWARE" from the menu on the left hand side of the home screen

<u>NETWORK</u> MAIL SNMP	FIRMWARE VERSION			
AMX NAME	REVISION 1.009A			
NETWORK SERVICE	ETHERNET (CONTROL)			
	MAC ADDRESS	D4:92:34:06:F5:57		

3. Press [Select File] button on "SELECT IMAGE"

Explorer will be launched and able to select a file by pressing [Select File] button.



M321 HDM12

UPDATE

HOME

REMOTE CONTROL INPUT PICTURE AUDIO SCHEDULE SLOT PROTECT SYSTEM

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	ファイルを選択 選択されていません
	REVISION

NETWORK MAIL SNMP AMX NAME NETWORK SERVICE

UPDATE FIRMWARE

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4. Select the firmware image file and press [Open] button

Select firmware image file for update from the Explorer launched in Step 3. After selected the file, upload will start.

NEC M321 HDM12

HOME	UPDATE FIRMW	ARE				
REMOTE CONTROL	Unload a new firmware o	Unload a new firmware or ROM image into flash				
INPUT PICTURE	optood a nen minnere of horr mage into naght					
AUDIO		ファイルを選択 NDS_CDTR1010.pac				
SLOT PROTECT	SELECT IMAGE	REVISION				
SYSTEM		Uploading				
NETWORK MAIL SNMP AMX NAME NETWORK SERVICE	7% UPDATE					
UPDATE FIRMWARE		Copyright © NEC Display Solutions. Ltd. 2020. All rights reserved.				

After uploading status became 100%, "Success" and "Firmware upgrade is ready. Press

"UPDATE" message will be displayed. At this time, please check whether the REVISION is correct.

If "Failure" is displayed, it has failed to upload the file. Please go back to Step 3 and try to upload the file again.

NEC M321 HDMI2

HOME	UPDATE FIRMWA	RE			
REMOTE CONTROL	Upload a new firmware or ROM image into flash.				
AUDIO SCHEDULE SLOI PROTECT SYSTEM	SELECT IMAGE	ファイルを選択 NDS_CDTR1010.pac REVISION 1.010 Success			
NETWORK MAIL SNMP AMX NAME NETWORK SERVICE	Firmware upgrade is ready.	Press "UPDATE".			
UPDATE FIRMWARE					

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Information

• The file name for the firmware image file will be following:

FIRMWARE	File Name (*1)	Extension
FIRMWARE	FIRMWARE_M_SERIES_R****.pac	.pac
(*1) R****	: Revision number	

You can't change the file name of the firmware image.

5. Press [UPDATE] button

Update will be started by pressing [UPDATE] button.



HOME	UPDATE FIRMWAR	RE				
REMOTE CONTROL	Upload a new firmware or Re	Upload a new firmware or ROM image into flash.				
INPUT PICTURE						
AUDIO SCHEDULE		ファイルを選択	ファイルを選択 NDS_CDTR1010.pac			
SLOT PROTECT	SELECT IMAGE	REVISION	1.010			
SYSTEM		Success	Success			
NETWORK MAIL SNMP AMX NAME NETWORK SERVICE	Firmware upgrade is ready.	Press "UPDATE".				
UPDATE FIRMWARE	Cos	pyright © NEC Display Solutio	ons, Ltd. 2020. All rights reserved	f.		

After update has started, "Processing..." message and the progress of the update will be displayed. Also, the LED of this device blinks green.

NEC	M321	HDMI2				
HOME		UPDATE FIRMWARE				
REMOTE CONTROL		Upload a new firmware or ROM image into flash.				
AUDIO SCHEDULE SLOT PROTECT SYSTEM		SELECT IMAGE	ファイルを選択 NDS_CDTR1010.pac REVISION 1.010 Processing			
<u>NETWORK</u> MAIL SNMP AMX NAME NETWORK SERVICE		Updating FIRMWARE1: 78%				
UPDATE FIRMWARE		Copyrigh	t © NEC Display Solutions, Ltd. 2020. All rights reserved.			

When update has finished, "Success" or "Failure" message will be displayed. Also, LED green blink will finish, lights up with white and the device will reboot. Please refer to "Check the Firmware Update result"(\rightarrow P10).

Information

• The approximate time for firmware update is 20 minutes.

NOTE

Do not turn off the main power of this device, or extract LAN cable during update.

To finish updating firmware, please follow "Check the Firmware Update result" procedure(\rightarrow P10). If not, the device may not operate properly.

Check the Firmware Update result

When update has finished, it changes to either of the following status.

When update succeeded

LED green blink will finish, lights up with white and the device will reboot.

"Success(****)^(*2)" and "Firmware upgrade has been completed!" message will be displayed.

(*2) **** : Revision number



HOME

REMOTE CONTROL

UPDATE FIRMWARE

5

UPDATE

Upload a new firmware or ROM image into flash.

Firmware upgrade has been completed!

INPUT PICTURE AUDIO SCHEDULE SLOT PROTECT SYSTEM

	ファイルを選択 NDS_CDTR1010.pac			
SELECT IMAGE	REVISION		1.010	
	Success(1.010)			

NETWORK MAIL SNMP AMX NAME NETWORK SERVICE

UPDATE FIRMWARE

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When update failed

LED blinks with red.

"Failure" message will be displayed.



HOME	UPDATE FIRMW	/ARE				
REMOTE CONTROL	Unload a new firmware o	vr ROM ima	de into flash			
INPUT PICTURE	opload a new innivare o	A ROLLING				
SCHEDULE		ファイルを選択 NDS_CDTR1010.pac			DTR1010.pac	
SLOT PROTECT	SELECT IMAGE		REVISION		1.010	
SYSTEM			Failure			
NETWORK MAIL SNMP AMX NAME NETWORK SERVICE	UPDATE					
UPDATE FIRMWARE		Copyright (b NEC Display Solution	ons, Ltd	1. 2020. All rights reserved.	

Please try again from "Update Firmware" procedure(\rightarrow P4).

Please also check "When failed to update firmware"(\rightarrow P12).

When failed to update firmware

When you have failed to update firmware, please check the following point.

Device does not operates with power on

If you turn off the main power under update failed condition, this device may not operate. Please try to update with USB when the device does not operate.