

NF4V – VDSL/ADSL WiFi Gigabit Modem Router



Firmware Release Notes

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Note: This document is subject to change without notice.

This document covers the following products:

NetComm Wireless NF4V

DOCUMENT VERSION	DATE
1.0 - Initial document release	18/02/2014
1.1 – Updated for R5B019 firmware release	18/07/2014
1.2 – Updated for R5B022 firmware release	06/03/2015
1.3 – Updated for R5B027 firmware release	10/06/2015
1.4 – Updated for R5B030 firmware release	03/09/2015
1.5 – Updated for R5B035 firmware release	23/09/2016

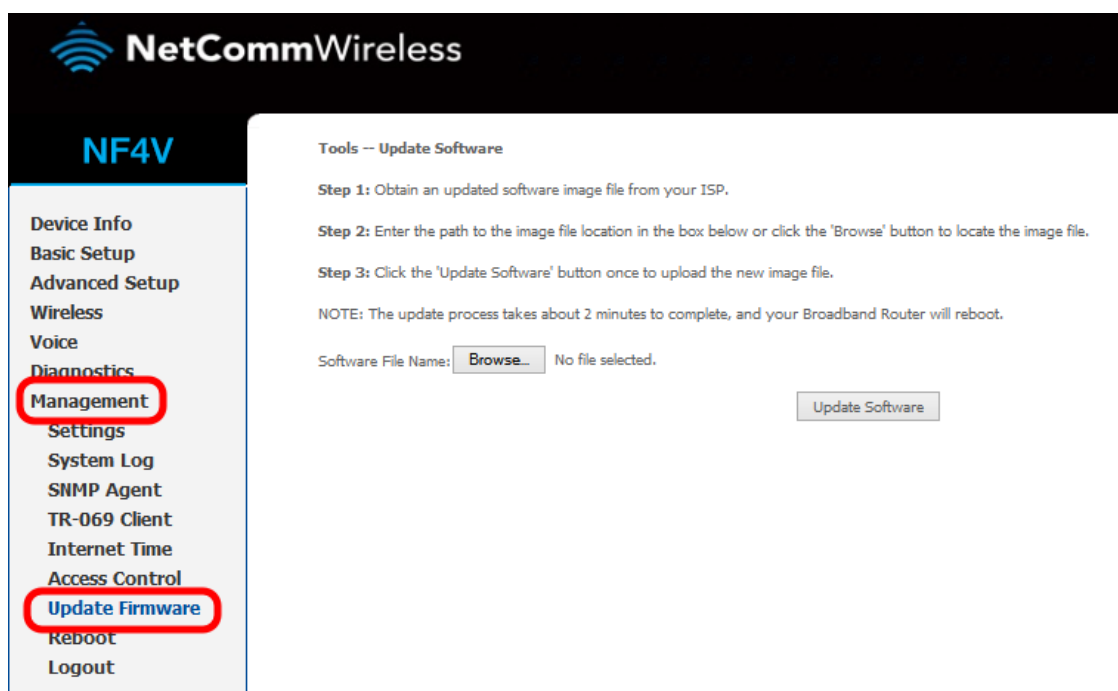
Table 1 - Document Revision History

Firmware Details

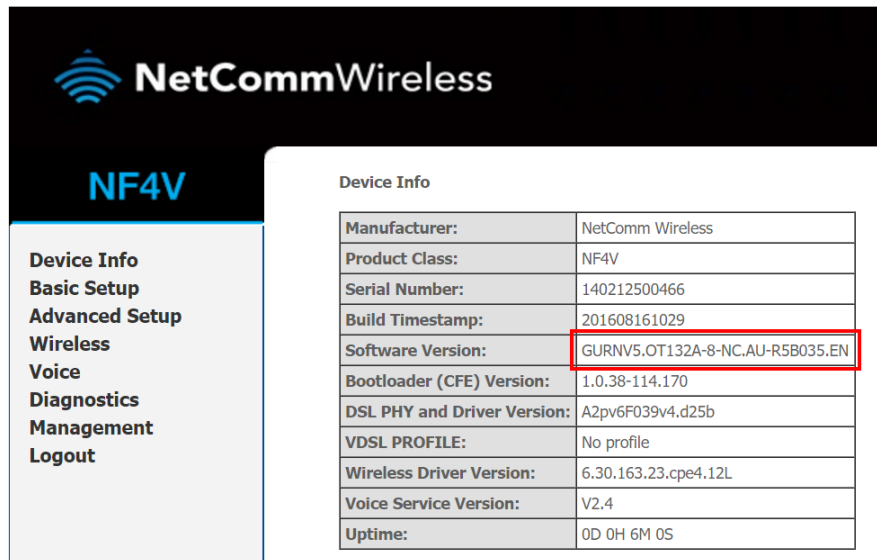
ITEM	DESCRIPTION
Model	NF4V
Product Name	VDSL/ADSL WiFi Gigabit Modem Router
Date	22 September, 2016
Firmware Version	R5B035
Official / Beta Firmware	Official
File Name	GURNV5.OT132A-8-NC.AU-R5B035.EN_cfe_upgrade
File Size	10.4MB
MD5 Checksum	5B52B7AB736C6219273827BDC8BF333C

Firmware Upgrade Instructions

1. Connect the supplied RJ-45 Ethernet cable from one of the Ethernet Ports (1-4) on the back of the device to your computer.
2. Connect the supplied power adapter to your router and press the on/off button to power the router on.
3. Allow 60 – 90 seconds for the NF4V to power up.
4. Open a web browser (e.g. Internet Explorer, Firefox, Safari, etc.) and type <http://192.168.20.1> into the address bar and press Enter.
5. At the login screen, type **admin** into both the Username and the Password fields and click **OK**.
6. Select **Management** and then **Update Firmware** from the menu on the left side of the screen. Select **Browse / Choose File** to locate and load the firmware (GURNV5.OT132A-8-NC.AU-R5B035.EN_cfe_upgrade)



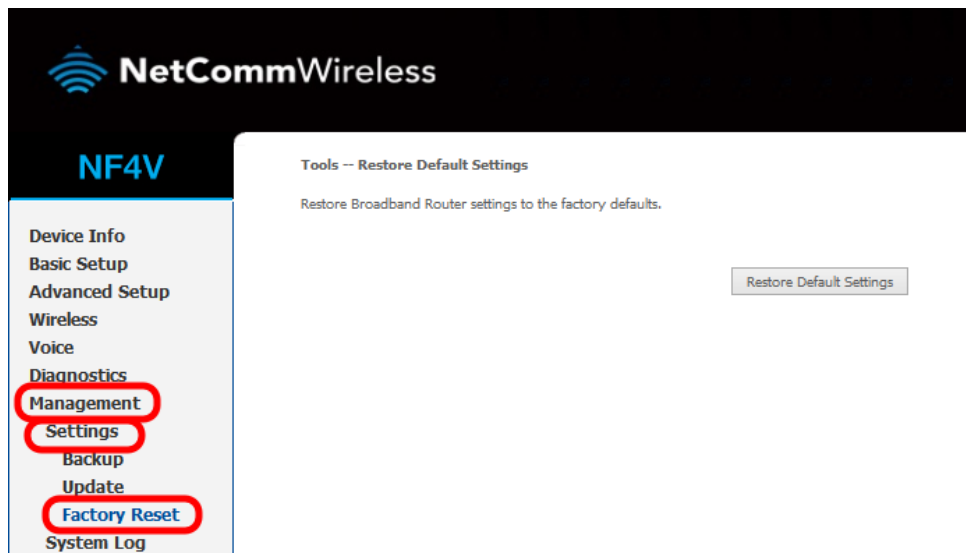
7. Click **Update Software** to proceed. The process will take a few minutes until the router reboots itself.
8. Once the upgrade is done, you will be brought into the **Device Info - Summary** page. Make sure the current firmware is **R5B035**.



The screenshot shows the NetComm Wireless NF4V web interface. On the left is a navigation menu with options: Device Info, Basic Setup, Advanced Setup, Wireless, Voice, Diagnostics, Management, and Logout. The 'Device Info' section is active, displaying a table of device specifications. The 'Software Version' field is highlighted with a red rectangle.

Device Info	
Manufacturer:	NetComm Wireless
Product Class:	NF4V
Serial Number:	140212500466
Build Timestamp:	201608161029
Software Version:	GURNV5.OT132A-8-NC.AU-R5B035.EN
Bootloader (CFE) Version:	1.0.38-114.170
DSL PHY and Driver Version:	A2pv6F039v4.d25b
VDSL PROFILE:	No profile
Wireless Driver Version:	6.30.163.23.cpe4.12L
Voice Service Version:	V2.4
Uptime:	0D 0H 6M 0S

9. Using the menu on the left side of the screen, select **Management** then **Settings** and then **Restore Default**. Click the **Restore Default Settings** button to reset the device.



The screenshot shows the 'Tools -- Restore Default Settings' page in the NetComm Wireless NF4V web interface. The left navigation menu has 'Management', 'Settings', and 'Factory Reset' highlighted with red circles. The main content area shows the title 'Tools -- Restore Default Settings' and the instruction 'Restore Broadband Router settings to the factory defaults.' A 'Restore Default Settings' button is visible on the right.



Note: You must reset the router to the default settings after the firmware upgrade to ensure that it functions correctly.



Important: We highly recommend that immediately after initial installation you change the default passwords for admin, support and user access. You can do this from the **Management -> Access Control -> Passwords** page.

Version History

R5B035

New Features

- Added a Keepalive function on ETH WAN connection.
- Added Bridge option in ADSL and VDSL Quick Setup.
- Added support for PPPoA port mirroring.
- Added a log out option for the support account.
- Added custom VLAN tagging option in the VDSL Quick Setup Wizard.

Changes

- Renamed “Virtual Servers setup” page to “Port Forwarding”.
- SRA is enabled by default.
- Updated DSL and PHY driver.

Enhancements

- Fixed a firmware upgrade issue when upgrading via TFTP from ADSL or VDSL WAN connection.
- Fixed an issue with Vibecom VoIP service.
- Corrected the DSL LED behaviour when no DSL line is connected.
- Optimized the Quick Setup Wizard.
- Corrected the QoS Ethernet Priority Marking behaviour on VoIP traffic.
- Corrected the secondary DNS address behaviour.
- Fixed a PPPoA QoS issue with rate limiting.

R5B030

New Features

- Quick Setup Wizard can now setup the Ethernet WAN interface.

Changes

- Interface names have been updated to be more descriptive and user friendly.
- Updated the Digital Media Server information.
- Updated the VoIP Dial Plan to include 13 XX XX numbers.

Enhancements

- Fixed an issue where the DHCP server was occasionally not assigning a DHCP IP address to a client.
- Fixed an issue where Annex M on the xDSL configuration page could not be selected.
- Fixed an issue where the IPv6 WAN IP address did not display correctly on Device information page


R5B027

New Features



- Added Australian VoIP Dial Plan.
- Added Firewall options for Ethernet WAN PPPoE connections.
- Added NAT option for Ethernet WAN PPPoE connections.
- Added VoIP Star Code pass-thru function for Star Codes pass-thru to VoIP service provider.

-  Added VoIP Star Code configuration page.

Changes





-  Changed firewall behaviour, allowing blocking of unidentified SIP traffics.

Enhancements







-  Fixed issue where Basic Setup did not accept special characters in PPPoE Username and Password.
-  Fixed Some Cosmetic issues.

R5B022

New Features



-  Added new options for VDSL Quick Setup.
-  Removed IPoE Ethernet WAN setting by default. Please refer to the User Guide to create an IPoE or other Ethernet WAN profile.
-  Added Logout function under menu “Management”.
-  Minor updates to web user interface.

Enhancements



-  Fixed an issue where DHCP service crashes intermittently.
-  Fixed an issue with traffic shaping.
-  Fixed an issue where support account could not log in remotely.
-  Fixed iiNet VoIP drop out issue.
-  Fixed an issue where user is unable to modify an existing firewall rule.
-  Fixed an issue with DNS proxy.

R5B019

New Features




-  Changed the default Max MTU value on PPPoE under Basic Setup from 1400 to 1492.
-  Added VDSL “IP over Ethernet” option under “Basic Setup”





Enhancements

-  Fixed DSL Line-Sync-Re-sync on PPPoE Port Forwarding
-  Fixed some cosmetic issues





R5B017

New Features

-  Implemented VoIP call history and call status on the Web User Interface
-  New bind interface for VoIP: Any_WAN which enables the router to select any interface that is connected to the Internet to be bound with the VoIP service automatically.
-  New Speed Dial feature

-  Ping Test feature is now available on the Web User Interface under the Diagnostics menu
-  Backup config file is now encrypted
-  VDSL profile status is now shown on the Device Info page
-  VDSL service is now tagged as VLAN ID 10 by default

Enhancements

-  Fixed Time Zone issue
-  Fixed Quick Setup feature for PPPoA
-  Fixed Primary DNS Server issue
-  Fixed some cosmetic issues

R5B014 – Initial production release

New Features

-  None

Enhancements

-  None