3G18WN Firmware Release Notes

Release Notes 20101013_Netcomm_3G18Wn_10450 FW

Information

- ➢ Product Code: 3G18WN

- ➢ Firmware Version: 1.0.45.0

- ➢ Beta/Official: **Official**

- ➢ Filename: ntc_3g18wn_1.0.45.0.dat

- ➢ File Size: 3.60MB

- ➢ Date: 13th Oct

Firmware Upgrade Instructions

Please ensure that your 3G USB Modem is not attached to NetComm Router during the upgrade process as this may damage the router and render it as unusable.

1. Connect the computer to any LAN socket on the 3G18Wn.

2. Open the web browser (IE, Mozila firefox, etc) on the computer, type in *http://192.168.20.1* on the address bar, and then press **Enter**.

3. Type in System Password on the top then press **Submit.**

4. Click **Administration,** and then click **Upload firmware** on the top menu.

5. Press the **Browse** button and load the latest Firmware.

6. Click **Upgrade** to proceed. It will take a few minutes to proceed upgrading till the status bar reaches 100%.

7. Do not turn off the modem during the upgrade.

8. 3G18Wn will reboot itself after upgrade.

9. Please reset to factory default after it reboot.

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New Features:

1. Additional 3G USB dongle compatibility:
   a. Sierra Wireless USB 308
   b. Sierra Wireless USB 308 BP (BigPond)
   c. Sierra Wireless USB 301
   d. Sierra Wireless compress 888
   e. Sierra Wireless USB 306 (FW: 2.0.11.5)
   f. Sierra Wireless USB 308 (FW: 3.0.9.0)
   g. Huawei E122
   h. Huawei E169 (FW: 11.314.xx)
   i. Huawei E1820
   j. Huawei E160E (FW: 11.609.xx)
   k. Huawei E1762 (FW: 11.126.xx)
   l. Huawei E1552
   m. Huawei E1553
   n. Huawei E160
   o. ALCATEL X080D
   p. ZTE MF 633+ BP
   q. ZTE MF 3565-Z (FW: BD_P673A2V1.0.0B09)
   r. AnyData ADU-660W

2. Verify firmware updates for correct product code and file integrity

   a. Warning: Please be aware that this means that any unit upgraded to this firmware version will no longer be able to be downgraded to the previous images without support for this feature. If you wish to downgrade to an older firmware version, Please contact NetComm to provide a new image of the version required which supports the verification protection.

3. Additional APN supported
   a. TPG
   b. iiNet
   c. Westnet
   d. Exetel
   e. Etisalat
   f. CallPlus
   g. Slingshot
   h. Telstra Clear

4. NTP selection drop-down list box is added to help the user change the configuration more easily

5. New feature that Support external system log

6. System Monitor feature has been added

7. Add in dial number *99# for Telecomm APN profile.

8. All land-line WAN interfaces (PPPoE, WAN) are given 50 metric by default so that the user can select 3G WAN interface metric to decide the priority

9. Added ability to encrypt exported settings file

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Bug Fixes:

1. Fixed: connection dropouts with the K3765 / U6T900
2. Fixed: the incorrect partition offset
3. Fixed: the 3G service type on the Status page might occasionally display the connection as 2G, when it is actually connected to 3G
4. Fixed: the Sierra Wireless 880U drop out issue.
5. Fixed: Fill in the 3G username and password with guest/guest and PAP when select Virgin Broadband APN.
6. Fixed: The configuration menu is changed to support mouse-clicking and mouse-hovering together to support touch screen devices (iPhone, iPad).
7. Fixed: Correct the 3G status that sometimes when the dongle is pulled off, the status page still shows the "3G connection is up".
8. Auto APN detection improved
    a. Authentication, user, password and dial number auto-detection incorrect carriers and plan names fixed country selection fixed to keep the user selection
9. Fixed: DHCP client list
10. Fixed: WDS encryption
    a. WEP encryption fixed
    b. WEP encryption validate check added
11. Fixed: Minor GUI bugs
    a. APN display removed in the Status page
    b. Messages changed in the Status page
    c. WEP default key in the Security page
    d. Automatic gateway and DNS selection in the LAN page
    e. HTTP error fixed in the Content filtering page
    f. Reboot message changed in the Management page
12. Improved AutoAPN functionality on Telstra network
13. Fixed an issue where EBay pages were not displaying correctly.

NetComm

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Release Note 20100208_Netcomm_3G18Wn_10180 FW

Information

- ➢ Product Code: 3G18Wn

- ➢ Firmware Version: 1.0.18.0

- ➢ Beta/Official: Official

- ➢ Filename: 3G18Wn_V1_0_18_0.dat

- ➢ Date: 8 Feb 2010

New Features

1. **Additional 3G USB dongle**
   USB-306 firmware 2.0.11.5 supported (fixed)
   ZTE MF 633+ BP
   Huawei E1553
   Sierra Wireless USB 308
   ZTE MF668+
   Huawei K3765
   IPWireless USB 3G
2. *Additional APN supported*
   Telecom New Zealand CDMA
   Telecom New Zealand XT
   DoDo
   iPrimus

Fixes:

1. Auto *APN detection improved*
   Authentication, user, password and dial number auto-detection
   incorrect carriers and plan names fixed
   country selection fixed to keep the user selection

2. *DHCP client list fixed*

3. *WDS encryption*
   WEP encryption fixed
   WEP encryption validate check added

4. *Minor GUI bugs fixed*
   APN display removed in the Status page
   Messages changed in the Status page
   WEP default key in the Security page
   Automatic gateway and DNS selection in the LAN page
   HTTP error fixed in the Content filtering page
   Language selection removed in the Management page
   Reboot message changed in the Management page

5. *3G USB configuration improved*
   CHAP/PAP 3G Authentication selection added
   Custom dial number input added

6. *Wireless*
   WPA default password changed to a1b2c3d4e5

Known Issues

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Release Note 20091006_Netcomm_3G18Wn_1090 FW

Information

- ➢ Product Code: 3G18Wn

- ➢ Firmware Version: 1.0.9.0

- ➢ Beta/Official: Official

- ➢ Filename: 3G18Wn_V1_0_9_0.dat

- ➢ Date: 6 Oct 2009

New Features

1. *Additional 3G USB dongle*
   Huawei E169
   Huawei E160E
   Huawei K3715
   Huawei K3520
   ZTE K3565-Z
   ZTE MF 633+
2. *Additional APN supported*
   Virgin mobile (Optus network)
   Crazy John's (Vodafone network)
   Blink Mobile (Optus network)
   Internode (internode network)

Fixes:

1. *3G USB dongle fixed issues*
   Sierra dongle dropping bug fixed (Sierra 306, Sierra 885)
   Sierra firmware upgrade webpage added
2. *APN detection changed to try all possible APNs*
3. *3G USB dongle model information added in the Status page*
4. *Firmware upgrade progressive status added in the Upgrade page*
5. *The rear radio switch changed not to off 3G network*
6. *PPPoE incorrect information in the status page fixed*
7. *Incorrect combination of encryption 802.11n fixed (WEP and TKIP removed)*
8. *Occasional Ethernet port malfunction fixed*

Known Issues

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Release Note 20090729_Netcomm_3G18Wn_1070 FW

Information

- ➢ Product Code: 3G18Wn

- ➢ Firmware Version: 1.0.7.0

- ➢ Beta/Official: Official

- ➢ Filename: 3G18Wn_V1_0_7_0.dat

- ➢ Date: 29 July 2009

New Features

1. Australia Wi-Fi channels supported up to 13
2. Current 3G Operation mode added in the status page
3. PPTP and PPPOE status shown in the status page
4. XML status page added - 3G_XML.cgi
5. Auto-complete OFF in the 3G Internet configuration

Fixes:

1. Additional 3G USB dongles supported
   a. USB-306's new firmware M2.0.4.0 supported
   b. Sierra Wireless AirCard 880U supported
   c. Incorrect name for Optus E220 fixed
2. WAN DMZ fixed
3. 3GWAN DMZ fixed
4. PPTP 3GWAN failover fixed
5. Delete button in Wireless Security page fixed
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Known Issues

NetComm

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Release Note 20090615_Netcomm_3G18Wn_1050 FW

Information

> Product Code: 3G18Wn

> Firmware Version: 1.0.5.0

> Beta/Official: Official

> Filename: 3G18Wn_V1_0_5_0.dat

> Date: 15 June 2009

New Features

1. DMZ UDP rule added
2. Crazy-John APN is added

Fixes:

1. 'SIM negotiating' under SIM Status will not appear when no USB dongle inserted

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Known Issues

Date of Created: 13/10/2010   Date of Latest Revision: 23/11/2010   Revision Level:1   Author: Benjamin Harding

Release Note 20090526_Netcomm_3G18Wn_1040 FW

Information

- ➢ Product Code: 3G18Wn

- ➢ Firmware Version: 1.0.4.0

- ➢ Beta/Official: Official

- ➢ Filename: 3G18Wn_V1_0_4_0.dat

- ➢ Date: 26 May 2009

New Features

Fixes:

1. USB-306 failed to connect to 3G network
2. The sub-menu and APN do not show properly in IE 6.0
3. It takes long to change the WAN MAC Clone address

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Known Issues