



NetComm NTC-140 GPS Week Roll Over Patch User Manual

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Patch Release Notes NTC-140 GPS Week Roll Over Patch



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Important notice

This device, like any wireless device, operates using radio signals which cannot guarantee the transmission and reception of data in all conditions. While the delay or loss of signal is rare, you should not rely solely on any wireless device for emergency communications or otherwise use the device in situations where the interruption of data connectivity could lead to death, personal injury, property damage, data loss, or other loss. NetComm Wireless accepts no responsibility for any loss or damage resulting from errors or delays in transmission or reception, or the failure of the NetComm NTC-140 Series router to transmit or receive such data.

Safety and hazards



Warning – Do not connect or disconnect cables or devices to or from the USB port, SIM card tray, Ethernet port or the terminals of the power connector in hazardous locations such as those in which flammable gases or vapours may be present, but normally are confined within closed systems; are prevented from accumulating by adequate ventilation; or the location is adjacent to a location from which ignitable concentrations might occasionally be communicated.

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Note – This document is subject to change without notice.

Document history

This document relates to the following products:














- NTC-140-02
- NTC-140W-01
- NTC-140W-01-ATT
- NTC-140W-01 Sprint
- NTC-140W-01 VCCU
- NTC-140W-01-ACCU

- NTC-140W-01 CCR
- NTC-140W-01-VZW
- NTC-140W-01 Rogers
- NTC-140W-02
- NTC-140W-02 Voda EU
- NTC-140W-02 CC
- NTC-140W-02-T

VER.	DOCUMENT DESCRIPTION	DATE
v 1.0	initial document release	28 May 2019

Table i. – Document revision history

Release information

ITEM	DETAILS
Product code(s)	 NTC-140-02  NTC-140W-01  NTC-140W-01-ATT  NTC-140W-01 Sprint  NTC-140W-01 VCCU  NTC-140W-01-ACCU  NTC-140W-01 CCR  NTC-140W-01-VZW  NTC-140W-01 Rogers  NTC-140W-02  NTC-140W-02 Voda EU  NTC-140W-02 CC  NTC-140W-02-T
Patch file name	sierra-mc73xx-gps-rollover_1.2_arm.ipk
MD5 checksum	11A96B3E7B7C38566241E0B5733C632F
Date	28 May 2019

Installation instructions

The procedure for installing this patch is the same as that of installing a firmware update on the router. Follow the steps below:



Note – In order to install the patch, you must be logged in to the router with the root manager account (refer to the User Guide for more detail).

1. Power on the router and log in using the root account.
2. Select the System item from the top menu bar, select the System configuration item from the menu on the left

and then select the Upload menu item.

3. Under the File uploads section, click the Choose a file button. Locate the patch file on your computer and click Open.
4. Click the Upload button. The patch file is uploaded to the storage on the router.
5. The uploaded patch file is listed in the Uploaded files section. Click the Install link next to the patch file to begin installing it then click OK on the confirmation window that appears.

The installation is complete. You can view the installed packages by navigating to System > System configuration > Package manager.

Release history

v1.2 – Initial release

Enhancements

The Global Positioning System provides positioning fixes and timing information to GPS receivers (such as the MC73xx module). The timing information includes a 'week' component represented as an integer value from 0–1023. This value will 'roll over' on 03 November 2019. As a result, the time reported to customer applications by MC73xx modules will be incorrect. (Note: Positioning fixes will not be affected.) This patch ensures that the time reported to applications is correct.

NTC-140 GPS Week Roll Over Patch – Patch Release Notes
FR01158 v1.0 28 May 2019

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Documents / Resources

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