# Release Notes for DrayTek Vigor 167 (UK/Ireland)

| Firmware Version | 5.2 (Formal Release) |
| --- | --- |
| Release Type | **Regular** – Upgrade recommended when convenient |
| Build Date | 7th November 2022 |
| Release Date | 23rd December 2022 |
| Revision | 5.2, Web: 3.3.12, Core: r438 |
| Applicable Models | Vigor 167 |
| Modem Code | 5.12.18.17 |
| Locale | UK & Ireland Only |

## New Features

1. TOTP 2-factor authentication (Google Authenticator) is now available for authenticating web interface administrator access from the Internet

**Router Mode only:**
2. IPv6 Routing Table in [Monitoring] > [Route Table]
3. The new 'Role & Permission' feature page added in [System Maintenance] > [Account & Permission] where custom permissions cam be defined
4. IPv6 address type is supported on [Utility] > [Ping Tool] and [Utility] > [Trace Tool]
5. New monitoring pages: [Monitoring] > [IPv6 TSPC Status] and [IPv6 Neighbor Table]
6. IPv6 Static Route
7. Backup & Restore for the IP, IPv6, Schedule, and Service objects added
8. Support for basic firewall features (including IP Filters, Default Filters, Backup & Restore, and Defense Setup)
9. Support for the IPv6 WAN feature for network connection (including IPv6 WAN connection, IPv6 TSPC and IPv6 6rd/6in4)
10. Support for the IPv6 LAN feature for network connection (including LAN IP, RADVD, DHCPv6 Server, DHCPv6 Relay)

## Improvements
**Router Mode only:**
1. Support for MTU RFC4638 for setting larger MTU value
2. Support for the CLI command to check country code in the User mode.
3. Certificates feature improvements
4. Special characters for ACS server password are now supported
5. The Outbound Default Action set to "Block" did not stop all outgoing traffic

## Known Issues
(None)

For more UK product details & specification, please visit https://www.draytek.co.uk

See https://www.draytek.co.uk/support/product-knowledgebase for Vigor 167 setup examples.
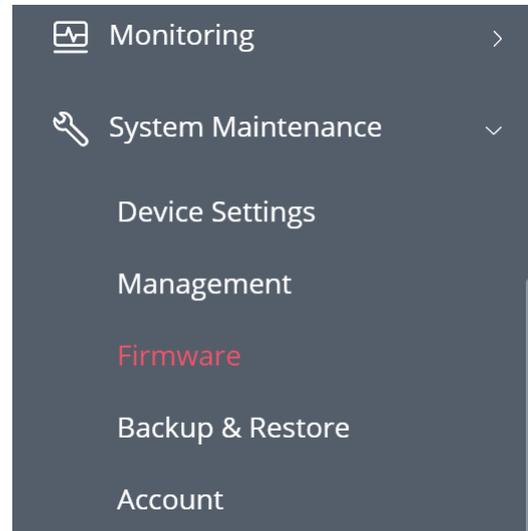
### Firmware File Types

The ZIP file contains the firmware with two different file extensions, .ALL and .RST.  The firmware is identical, but the RST file contains factory default settings. If you install the ALL file, your modem will retain all existing settings. If you use the RST file, all settings will be wiped from your modem.

### Upgrade Instructions

It is recommended that you take a configuration backup prior to upgrading the firmware. This can be done from the modem's system maintenance menu.

To upgrade firmware, select *'Firmware'* from the modem's system maintenance menu and select the correct file. Ensure that you select the ALL file unless you want to wipe out your modem's settings back to factory default.

| | |
|---|---|
| Monitoring | > |
| System Maintenance | ∨ |
| Device Settings | |
| Management | |
| Firmware | |
| Backup & Restore | |
| Account | |

### Manual Upgrade

If you cannot access the modem's menu, you can put the modem into 'TFTP' mode by holding the RESET whilst turning the unit on and then use the Firmware Utility. That will enable TFTP mode. TFTP mode is indicated by all LEDs flashing. This mode will also be automatically enabled by the modem if there is a firmware/settings abnormality.  Upgrading from the web interface is easier and recommended – this manual mode is only needed if the web interface is inaccessible.

| Firmware Version | 5.1.2 (Formal Release) |
|---|---|
| Release Type | **Regular** – Upgrade recommended when convenient |
| Build Date | 19<sup>th</sup> August 2022 |
| Release Date | 23<sup>rd</sup> September 2022 |
| Revision | 5.1.2, Web: 3.3.2, Core: DrayOS5_5 |
| Applicable Models | Vigor 167 |
| Modem Code | 5.12.18.17 |
| Locale | UK & Ireland Only |

**New Features**

(None)

**Improvements**

1. Special characters **- , %** can be used for TR-069 username/password (router mode)
2. Special characters **\ _ @ . ( ) - / %** are now supported for PPPoE credentials (router mode)
3. Fix for the packet loss issue
4. Improvements to VDSL compatibility with the vendor's serial number/version number information

**Known Issues**

(None)

| Firmware Version | 5.1.1 (Formal Release) |
|---|---|
| Release Type | **Initial Release** |
| Build Date | 3rd May 2022 |
| Release Date | 25th May 2022 |
| Revision | 5.1.1, Web: 3.3.2, Core: DrayOS5_5 |
| Applicable Models | Vigor 167 |
| Modem Code | 5.12.18.16 |
| Locale | UK & Ireland Only |

**First Firmware Release for this model**

**[END OF FILE]**