

## **Release Notes for DrayTek Vigor 166 (UK/Ireland)**

Firmware Version	4.2.6_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Build Date	9 <sup>th</sup> May 2024
Release Date	10 <sup>th</sup> June 2024
Revision	20252_807_a1ae680e7d
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. Password mechanism changed to force admin to change the password from the default password
2. Improvements to the network security related to the password and DHCP functionality
3. Login to the GUI could fail when WAN was up
4. PPPoE dial-up failure when the server provided user-specific PPPoE tags in the PADO packet

### **Known Issues**

(None)

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

See <https://www.draytek.co.uk/support/product-knowledgebase> for Vigor 166 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 upgrade*' 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.



## **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.

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Firmware Version	4.2.5_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Build Date	12 <sup>th</sup> May 2023
Release Date	18 <sup>th</sup> September 2023
Revision	16746_797_bf5daf4c5
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. Web GUI security improvements
2. The Far SNR values displayed by WUI did not match the CLI output
3. Improvements to the SNMP OID for VDSL outbound speed

### **Known Issues**

(None)

Firmware Version	4.2.4.1_BT (Formal Release)
Release Type	<b>Critical</b> – Upgrade recommended immediately
Build Date	17 <sup>th</sup> January 2023
Release Date	3 <sup>rd</sup> March 2023
Revision	15409_786_e5719d3a2
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. Improvements to the Web GUI Security (CVE-2023-23313)

### **Known Issues**

(None)

Firmware Version	4.2.4_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Build Date	17 <sup>th</sup> May 2022
Release Date	06 <sup>th</sup> July 2022
Revision	12705_785_e2695047f
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. Improved Web GUI Security
2. Updated HTTPS mechanism to address the CVE-2022-0778 (OpenSSL)
3. Fix the administrator password setup issue

### **Known Issues**

(None)

Firmware Version	4.2.3.1_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Build Date	21 <sup>st</sup> October 2021
Release Date	10 <sup>th</sup> November 2021
Revision	9868_767_ffb5a48f2
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. The [Diagnostics] > [DSL Status] page is now available in modem mode
2. Fix for the incorrect time displayed for router's certificates
3. Self-signed certificate will automatically regenerate before expiration
4. The firmware upgrade process via VigorACS compatibility improvements

### **Known Issues**

(None)

Firmware Version	4.2.3_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Build Date	23 <sup>rd</sup> February 2021
Release Date	23 <sup>rd</sup> March 2021
Revision	4470_765_9c93f404e
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

### **New Features**

(None)

### **Improvements**

1. Updated MyVigor authentication method used for Web Content Filter license validation
2. SNMP improvements:
  - a. Update SNMP OIDs
  - b. Use physical interface on SNMP OID 1.3.6.1.2.1.2
3. Add DrayTek specific SNMP OID for DrayOS
4. Corrected a display error for DSL Sync Uptime
5. Improved accuracy of SNMP monitoring traffic data
6. Resolved an issue that could cause ADSL connection drops after restarting the router in some scenarios
7. Keyword group objects could not be configured by Telnet command
8. DHCP Pool Count for IP Routed Subnet could not be configured with "/29" subnet mask
9. Improved display of DSLAM CHIPSET VENDOR with Telnet command
10. Resolved an issue with clearing CPE details on TR-069 Setting page via the Clear button

### **Known Issues**

(None)

Firmware Version	4.1.1_BT (Formal Release)
Release Type	<b>Initial Release</b>
Build Date	28 <sup>th</sup> September 2020
Release Date	4 <sup>th</sup> January 2021
Revision	93712
Applicable Models	Vigor 166
Modem Code	12.3.2.3.0.5 Annex A
Locale	UK & Ireland Only

**First Firmware Release for this model**

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