

## **Release Notes for DrayTek VigorAP 912c (UK/Ireland)**

Firmware Version	1.4.12
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	23 <sup>rd</sup> November 2023
Build Date	26 <sup>th</sup> October 2023
Revision	g1670_79afc83d04
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Improved compatibility with Intel AX211 wireless cards

### **Known Issues**

(None)

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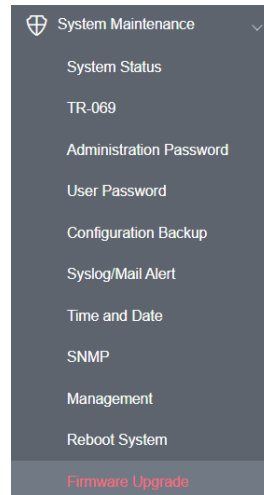
## Firmware File Types

The file name of the firmware controls which upgrade type is performed. If the file name is unchanged (e.g. `xxxx.all`) then the upgrade will just upgrade the firmware, whereas renaming the firmware to a `.rst` extension will wipe all settings back to factory defaults when upgrading the firmware.

## Upgrade Instructions

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

To upgrade firmware, select '*firmware upgrade*' from the AP's system maintenance menu and select the correct file. The access point will perform the upgrade and automatically reboot once this completes.



## Manual Upgrade

If you cannot access the AP's menu, you can put the AP into 'TFTP' mode by holding the FACTORY RESET button 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 router if there is a firmware/settings abnormality. Upgrading from the web interface is easier.

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Firmware Version	1.4.11
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	25 <sup>th</sup> August 2023
Build Date	30 <sup>th</sup> June 2023
Revision	g1624_6b3c03b115
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Improvements to the transmission rates on 2.4GHz radio affecting iOS mobile phones

### **Known Issues**

(None)

Firmware Version	1.4.10
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	26 <sup>th</sup> May 2023
Build Date	3 <sup>rd</sup> May 2023
Revision	g1592
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Web access over the Internet did not work in some circumstances
2. 2.4GHz and 5GHz wireless stability improvements

### **Known Issues**

(None)

Firmware Version	1.4.9
Release Type	<b>Critical</b> – Upgrade recommended immediately
Release Date	27 <sup>th</sup> April 2023
Build Date	21 <sup>st</sup> March 2023
Revision	g1572_0c594a29d9
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Improved WebGUI security (CVE-2019-16645)
2. 5G channel bandwidth stability improvements
3. The Time and Date page was unable to display correct settings of the device
4. The TFTP server IP did not respond to ping

### **Known Issues**

(None)

Firmware Version	1.4.8
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	10 <sup>th</sup> February 2023
Build Date	29 <sup>th</sup> December 2022
Revision	g1539_740a2aa50d
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Event Alert feature added into **[Diagnostics] > [Alert Event]**

### **Improvements**

1. Fix the Range Extender connection issue with other VigorAP 912C access points

### **Known Issues**

(None)

Firmware Version	1.4.7
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	23 <sup>rd</sup> September 2022
Build Date	09 <sup>th</sup> August 2022
Revision	g1461
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. DNS Security improvements (CVE-2022-30295)
2. Fix a display issue where LED indicator would glow green instead of blue
3. Mesh network connection compatibility improvements with Mesh Root Vigor2862 or Vigor2926 series routers
4. Vigor router's Central AP Management could fail with VigorAP 912C access points after upgrading to 1.4.6 firmware

### **Known Issues**

(None)

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Firmware Version	1.4.6
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	23 <sup>rd</sup> June 2022
Build Date	06 <sup>th</sup> May 2022
Revision	g1405_88af2ade15
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Updated HTTPS mechanism to address the CVE-2022-0778 (OpenSSL)
2. A note added regarding importing the MAC Address device object list from CSV:  
.csv files should **not** contain Carriage Return “\r” and any extra space
3. Some 5GHz clients could not remain connected
4. VigorAP could not fully connect to VigorACS due to AuthKey issue
5. Wireless clients connected to different SSIDs on the same radio band could not communicate with each other
6. VigorACS Syslog did not receive a new hostname
7. Access point settings were not consistent with the provisioning profile used by VigorACS

### **Known Issues**

(None)



Firmware Version	1.4.5
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	16 <sup>th</sup> March 2022
Build Date	07 <sup>th</sup> March 2022
Revision	g1325_557ec06df9
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Added options in [System Maintenance] > [Management] to disable HTTP, HTTPS management and/or the function of Enforce HTTPS Access
2. Improvements for remote access over SSH
3. The WMM option in [Advanced Setting] was incorrectly switched to disable when [Wireless LAN (2.4GHz)] > [General Setup] page was updated
4. The notification message for Fast Transition Roaming (802.11r) was not displayed in previous firmwares on the [Wireless LAN] > [Roaming] page

### **Known Issues**

(None)

Firmware Version	1.4.4
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	08 <sup>th</sup> March 2022
Build Date	15 <sup>th</sup> February 2022
Revision	g1290_e9bbd02b63
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Support for CLI AP Management over SSH

### **Improvements**

1. Updated Fast Roaming warning for using a complex password
2. A notification about Management VLAN not being compatible with Mesh added to GUI
3. Fixed a wireless connection stability issue
4. The schedule status indicator would always show grey if Daylight Saving was enabled
5. The TR-069 link could not work due to the STUN client missing a recheck mechanism
6. When using the "&" special character in admin password, GUI won't allow to access the AP
7. If Management VLAN matched the SSID VLAN ID, wireless clients could not access the Internet

### **Known Issues**

(None)

Firmware Version	1.4.3
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	25 <sup>th</sup> August 2021
Build Date	23 <sup>rd</sup> July 2021
Revision	g596_ba3811bed1
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Improved compatibility with Central AP Management on Vigor routers

### **Known Issues**

(None)

Firmware Version	1.4.2
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	30 <sup>th</sup> July 2021
Build Date	11 <sup>th</sup> June 2021
Revision	g595_2433c27ba
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Support for IEEE 802.11r roaming protocol

### **Improvements**

1. Updated MyVigor authentication method
2. Updated wireless chipset drivers to resolve CVE-2020-26139 to CVE-2020-26145, CVE-2020-24586 to CVE-2020-24588
3. Improved the mesh network stability
4. In some circumstances the mesh node could disconnect from the mesh root
5. Fixed a log-out mechanism for WUI in Internet Explorer

### **Known Issues**

(None)

Firmware Version	1.4.1
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	28 <sup>th</sup> May 2021
Build Date	28 <sup>th</sup> April 2021
Revision	g553_280b9c7602
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Support for IEEE 802.11r roaming protocol

### **Improvements**

1. Wireless clients could not connect to SSIDs with RADIUS authentication if Management VLAN ID was used
2. Improved wireless connections stability
3. WLAN profile could not be configured via VigorConnect
4. TR-069 parameters updated for WLAN 2.4G advanced settings

### **Known Issues**

(None)

Firmware Version	1.4.0
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	23 <sup>rd</sup> March 2021
Build Date	3 <sup>rd</sup> February 2021
Revision	g470_81a80a4fd8
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Hotspot Web Portal feature can be activated on [LAN] > [Hotspot Web Portal]
2. Manage up to 20 VigorAP access points by enabling “RootAP” mode from [Central AP Management] > [General Setup]

### **Improvements**

1. Updated MyVigor authentication method
2. Last Sync update time information added on [Mesh] > [Mesh Setup] page
3. Disabling WMM in [Wireless LAN] > [Advanced Setting] will display a warning: ‘To allow the maximum 802.11n rates, ensure that WMM Capable is enabled’
4. Improved Mesh Preferred Uplink timeout option [Mesh] > [Mesh Setup]
5. Port 9608 TCP is now closed when Mesh Root / Root AP mode is disabled
6. Mail alerts could not be sent through smtp.gmail.com
7. Improved image display on Quick Start Wizard page
8. Vigor routers External Devices list did not update HTTP port number if not 80
9. In some conditions, 2.4GHz clients could not connect to the AP after a few days with AP-Assisted Roaming enabled

### **Known Issues**

(None)

Firmware Version	1.3.5
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	21 <sup>st</sup> September 2020
Build Date	19 <sup>th</sup> August 2020
Revision	12591
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Support for TLS 1.3 Encryption on [System Maintenance] > [Management]

### **Improvements**

1. Improved compatibility and stability for Mesh networks
2. [Mobile Device Management] > [Station Nearby] vendor information updated
3. Mesh Nodes can now have their preferred next 'hop' specified as the "Preferred Uplink" on the [Mesh] > [Mesh Setup] page of an AP operating as a Mesh Node
4. Updated wireless chipset drivers to resolve CVE-2019-15126 and CVE-2020-3702
5. Disabling 5GHz while AP is running as Mesh Root will now display a warning message
6. A note added about the traffic being allowed between 2.4 and 5G bands. Settings can be adjusted in [Wireless LAN] > [Advanced Settings] section
7. VigorAP's Reset button can now be disabled in [System Maintenance] > [Management]
8. Improvements to [Mesh] > [Basic Configuration Sync / Advanced Configuration Sync] pages
9. Updated naming used for wireless security options to Personal (PSK) and Enterprise (802.1x)
10. In some specific conditions, wireless clients connected to the AP in Range Extender mode could not obtain an IP from DHCP server/router
11. Resolved display issue for Operation Mode on [Quick Start Wizard] page
12. Special characters such as '- ' can now be used with Mesh Root administrator password
13. Resolved wireless channel display issue on [Wireless LAN] > [General Setup] page
14. Improved SNMP functionality

### **Known Issues**

(None)

Firmware Version	1.3.4.1
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	24 <sup>th</sup> April 2020
Build Date	20 <sup>th</sup> April 2020
Revision	11968
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. [Diagnostics] > [System Log] page would not open

### **Known Issues**

(None)



Firmware Version	1.3.4
Release Type	<b>Critical</b> – Upgrade recommended immediately
Release Date	1 <sup>st</sup> April 2020
Build Date	27 <sup>th</sup> March 2020
Revision	11841
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

(None)

### **Improvements**

5. Improved SNMP functionality
6. Improved WebGUI security

### **Known Issues**

(None)

Firmware Version	1.3.3
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	31 <sup>st</sup> March 2020
Build Date	6 <sup>th</sup> March 2020
Revision	11701
Applicable Models	VigorAP 912c
Locale	UK Only

### **New Features**

1. Add the options of Access List and Allow management from WLAN on [System Maintenance] > [Management]
2. Add the option for enabling / disabling TLS/SSL Encryption Setup on [System Maintenance] > [Management]

### **Improvements**

1. [Wireless LAN] > [Station List] window enlarged for the convenience of viewing device information
2. Change the colour of the index number on [Application] > [Schedule]
3. Mesh network stability improvements
4. Improvements to DHCP Server

### **Known Issues**

(None)

Firmware Version	1.3.2 (Formal Release)
Release Type	<b>Initial Release</b>
Release Date	30 <sup>th</sup> January 2020
Build Date	7 <sup>th</sup> January 2020
Revision	11442
Applicable Models	VigorAP 912c
Locale	UK Only

**First Firmware Release for this model**

**Known Issues**

(None)

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