

Draytek VigorAP 802 Mesh Wireless Access Point (VAP802-K)



Product Name: Draytek VigorAP 802 Mesh Wireless Access Point (VAP802-K)

Manufacturer: -

Model Number: VAP802-K

Please Note: This product has been discontinued. For an alternative, please see the other Draytek Access Points.

Draytek VigorAP 802 Mesh Wireless Access Point (VAP802-K)

The Draytek VAP802-K is a feature-rich and easy to use AC1200 Mesh Wireless Access Point with a single Gigabit LAN Port, designed to boost signal & Draytek, ensure perfect coverage and create a smooth wireless experience.

Draytek VAP802-K Key Features

� Mesh - Mesh acts as a mesh node to connect to other access points and a compatible DrayTek mesh root. Eliminates ethernet cabling.

 $\ddot{i}_{\dot{c}}$ Sleek Design - Simply plug the VigorAP 802 in to a UK wall plug power socket to expand wireless coverage. No need for additional power adapters or cables.

ī¿½ Gigabit LAN Port - Transfer from Wireless to Wired Ethernet devices without bottlenecks, using the Gigabit LAN port underneath. In the Access Point mode, use the Ethernet port for a fast uplink to the router and the Internet.

ϊέ½ Easy to Configure and Manage - Use the DrayTek Wireless app to automatically configure a new VigorAP 802 wireless access point into the network. Compatible with all DrayTek's management platforms - VigorACS cloud, VigorConnect, Router AP Management, or directly via the AP's Web Interface.

� Auto-Optimisation - Mesh Nodes identify the best next hop and connect with it automatically. In case of a Mesh Node failure, the surrounding nodes automatically re-connect and resume service without downtime.

T¿½ Wireless Optimisation - Band Steering: Ensures 5GHz capable devices can achieve optimum speeds. Airtime Fairness: Improves time management between wireless clients. AP Assisted Roaming: Makes sure that devices are always connected to the best AP.

Draytek VAP802-K Technical Specifications Operating Modes

ï¿⅓ Mesh Node

ï¿1/2 Range Extender

ï¿⅓ Access Point

Physical Interfaces/Controls

i¿1/2 Gigabit Ethernet LAN Port (10/100/1000Mb/s)

ï¿1/2 LED On/Off and Reset Button

Wireless Performance

ï¿1/2 AC1200 Class Wireless Access Point

ï¿1/2 5GHz: PHY Rate 866Mb/s

تزرير 2.4GHz: PHY Rate 300Mb/s

Wireless LAN Compatibility

� IEEE 802.11ac/a/b/g/n

រ៉េ្យ Frequency Band 2.4 GHz & Deration 5.8Ghz - Simultaneous Operation



Draytek VigorAP 802 Mesh Wireless Access Point (VAP802-K)

ï¿1/2 Up to 32 clients per radio

2.4GHz Wireless LAN Features

� 802.11b, 802.11g, 802.11n

� 20 / 40 MHz

าั¿½ Up to 300Mb/s total Wi-Fi throughput (PHY Rate): 802.11b/g/n: 300Mb/s PHY rate (150Mb/s per Spatial Stream)

5Ghz Wireless LAN Features

ï¿1/2 802.11ac / 802.11n / 802.11a

� 20 / 40 / 80 MHz

ï¿1/2 Extended 5Ghz Band - Channels 36-48, 52-64, 100-140

� DFS/TPC Support

� Up to 866Mb/s total Wi-Fi throughput (PHY Rate): - 802.11a/n: 300Mb/s PHY rate (150Mb/s per Spatial Stream) - 802.11ac: 866Mb/s PHY rate (433Mb/s per Spatial Stream)

Security Features

ī¿½ Wireless Encryption: WPA2 (802.11i) Encryption and it also supports WPA/WEP (Not recommended)

i¿½ Built in 802.1x server (PEAP / EAP-TLS)

تز½ 802.1x RADIUS Proxy (PEAP / EAP-TLS)

آزٰ PMK Caching & Pre-authentication

ï¿⅓ Wireless Client Isolation

� Control Isolation of 2.4GHz and 5GHz bands

ï¿⅓ Hidden SSIDs (Selectable)

� WPS - WiFi Protected Setup

� MAC Address Filtering (ACL) - Up to 256 entries

ï¿⅓ Mobile Device Management

آذًا EAPOL Key Retry - New! - Protect unpatched WLAN clients from KRACK

Wireless Control Features

ï¿⅓ Wireless Client Status List in WUI

� Client Limit per radio

� Client Limit per SSID

آزا Up to 2 distinct SSIDs (for VLANs) for each frequency band (2.4/5Ghz)

ï¿⅓ MAC Cloning

ï¿1/2 802.1q VLAN

ī¿½ VLAN over Mesh - New! – Create 2 separate networks over Mesh

T¿½ Station Control - Time limit wireless connectivity per Station (e.g. 1 hour) & Samp; set allowed Reconnection time (e.g. 1 day)

Wireless Performance Optimisation

� Airtime Fairness

ï¿⅓ Band Steering

ï¿1/2 AP-Assisted Client Mobility

� WMM (Wireless MultiMedia)

17.1/2 Bandwidth Management (Per Station / Per SSID)

ï¿⅓ IGMP Snooping

Management Interfaces



Draytek VigorAP 802 Mesh Wireless Access Point (VAP802-K)

- ï¿1/2 Web Interface (HTTP/HTTPS)
- า๊ะ่½ Central AP Management (from compatible DrayTek router/controller)
- � DrayTek Wireless app
- � VigorACS and VigorConnect (TR-069)
- تز½ CLI (Command Line Interface) Telnet

Management Features

- ï¿⅓ DHCP Client
- ï¿1/2 Firmware upgrade by TR-069/HTTP
- ï¿1/2 SNMP v2, v2c, v3
- � Management VLAN
- i¿½ LED Control (enable/disable/schedule)
- าั¿½ Configuration File Export (with password) & mp; Import

Diagnostic Features

- ï¿1/2 System Log
- آز½ Speed Test
- تزارير Traffic Graph AP Traffic & Der Station
- าั¿½ Data Flow Monitor View live traffic usage per WLAN client
- تزير Wireless LAN Statistics
- 12/2 Interference Monitor Built-in Site Surveyor

Power Requirements

- تزار Maximum Power Consumption: 7.5 Watt
- � UK Plug Fitting (BS1363)
- � 100-240v AC Power Input
- ï¿⅓ Integrated DC PSU

Environmental & amp; Physical

- � Operating Temperature: 0 ° C to 40 ° C
- า๊ะ่ 1/2 Storage Temperature : -20 ° C to 60 ° C
- � Operating Humidity: 10% to 90% (Non-condensing)
- تز½ Physical Dimensions: 59mm (W) x 91mm (H) x 40mm (D)
- ï¿1/2 (power plug not included)
- ï¿1/2 Weight: 130g
- تز1/2 Fitting: Wall Mounted via electrical socket
- าั¿½ Pack Contents: VigorAP 802 access point, Quick Start Guide
- ï¿1/2 Warranty: Two (2) Years RTB

Please Enquire