

## **Draytek Vigor AP-900 Managed Wireless Access Point**

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Product Name: Draytek Vigor AP-900 Managed Wireless Access Point Manufacturer: -Model Number: AP-900

Please Note: The Draytek Vigor AP-900 has been discontinued. Please see the Ubiquiti UniFi range as a good alternative.

Draytek Vigor AP-900 Managed Wireless Access Point

The Draytek AP-900 Managed Wireless Access Point is a wireless access point which can be operated in standalone or centrally managed/monitored mode (by use of a central DrayTek management product - feature due later in 2014 as a free firmware upgrade). The AP-900 is a high specification professional access point providing reliable and flexible coverage to all manner of applications. A vast array of security and management features helps the AP-900 to improve and protect flexibility and integrity of your wireless LAN. The Vigor AP-900 is ideal for adding wireless connectivity to an existing LAN, or for expanding the range of an existing wireless LAN by using the WDS repeater features.

Draytek AP-900 Key Features

ï¿1/2 Business-class wireless access point

- ï¿<sup>1</sup>/<sub>2</sub> Simultaneous dual-band (2.4/5Ghz)
- � 802.11a, 802.11b, 802.11g, 802.11n
- ï¿1/2 Gigabit Ethernet Switch (4+1 Ports)
- ï¿1/2 Centrally managed or standalone operation

 $i_{\dot{c}}$  Central Management supports mobility, load-balancing, monitoring, status, upgrade and configuration

- ï¿1/2 Local temperature monitoring/logging
- ï¿<sup>1</sup>/<sub>2</sub> (Optional thermometer accessory required)
- ï¿<sup>1</sup>/<sub>2</sub> PoE (Power-over-Ethernet) as standard
- ï¿1/2 Detatchable Antennae Can be replaced
- ï¿1/2 with optional uni-directional or higher-gain
- i¿1/2 WPA2 Wireless Encryption
- ï¿<sup>1</sup>/<sub>2</sub> Repeater/Bridge/Access Point/Station Modes
- ï¿<sup>1</sup>/<sub>2</sub> Time-Scheduled Operation (multiple schedules)
- ï¿1/2 Wireless Client Isolation
- ï¿1/2 Bandwidth management per SSID
- ï¿1/2 802.1q VLAN Tagging
- ï¿<sup>1</sup>/<sub>2</sub> Four SSIDs for each band (for VLANs)
- ï¿1⁄₂ MAC Address Filtering
- ï¿1/2 Radius / WPA User Authentication
- ï¿1/2 802.1x User Authentication
- ï¿<sup>1</sup>/<sub>2</sub> WDS (Wireless Distribution System)
- ï¿<sup>1</sup>/<sub>2</sub> WMM (Wireless MultiMedia)
- ï¿<sup>1</sup>/<sub>2</sub> WPS WiFi Protected Setup
- ï¿1/2 LEDs can be disabled or scheduled off

Draytek AP-900 - Technical Specifications Physical Interfaces/Controls:

� LAN A : 4 x Gigabit Ethernet Port 1 accepts PoE Power
 � LAN B : 1 x Gigabit Ethernet
 � USB 2.0 Interface (for printer or thermometer)
 � Power On/Off Button

i¿1/2 Wireless On / Off / WDS Button



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- ï¿<sup>1</sup>/<sub>2</sub> WDS Operation/button can be disabled
- ï¿1/2 Factory Reset Button (recessed)

ï¿1/2 DC Power Socket

- � Two antennae (aerial) connectors RSMA-Female type
- ï¿1/2 Two Antennae (Removable, 2dB, both TX/RX dual-band)

Wireless LAN Compatibility:

i ¿ ½ IEEE 802.11a / b / g / n i ¿ ½ Frequency Band 2.4 GHz & amp; 5.8Ghz - Simultaneous Operation i ¿ ½ 300Mb/s Total wireless bandwidth per band

Security Features:

� Wireless Encryption : WPA2 (802.11i) Encryption
� Also supports WPA/WEP (Not recommended)
� User Authentication : 802.1x (uses built-in or external Radius Server) (MD5/PEAP Modes)
� Wireless Client Isolation
� Hidden SSIDs (Selectable)
� WPS - WiFi Protected Setup
� MAC Address Filtering (ACL)

Operational Modes (2.4Ghz band)

i¿½ 802.11b, 802.11g, 802.11n
i¿½ Access Point
i¿½ Station Infrastructure
i¿½ AP Bridge Point-to-Point
i¿½ AP Bridge Point-to-Multipoint
i¿½ AP Bridge WDS
i¿½ Universal Repeater

Operational Modes (5.8Ghz band)

i¿½ 802.11a / 802.11n i¿½ Access Point i¿½ Universal Repeater

Wireless Control Features:

� Wireless Client Status List in WUI
� Up to four distinct SSIDs (for VLANs) for each frequency band (2.4/5Ghz)
� WMM (Wireless MultiMedia)
� MAC Cloning
� Built-in DHCP server & amp; client
� 802.1q VLAN
� VLAN Grouping & amp; mapping for LAN A & amp; LAN B

Management:

i¿½ Web Interface (HTTP/HTTPS\*) i¿½ TR-069 Control (For Vigor-ACS-SI or other TR-069 platform) i¿½ CLI (Command Line Interface) - Telnet i¿½ Firmware upgrade by TR-069/HTTP i¿½ SNMP V2 / 2c / 3\*



## Draytek Vigor AP-900 Managed Wireless Access Point

ïزئ Central AP Management (from compatible DrayTek router/controller) ïزئ Management VLAN for LAN A & amp; LAN B

Power, environmental & amp; Physical:

� Temperature Operation : 0° C to 40° C
� Humidity Requirements: 10% to 90 % (Non-condensing)
� Physical Dimensions: mm
� Weight : 0.kg (main unit, including Aerials)
� Wall Mountable
� Pack Contents : AP-900 main unit, two aerials, PSU (220-240VAC), quick start guide, manual on CD-Rom
� Power : 12VDC via AC/DC PSU (supplied) or 802.3af PoE
� Warranty : 2 Years RTB \*Planned for later firmware upgrade

## **Please Enquire**