

Draytek Vigor AP-900 Managed Wireless Access Point



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

- 1/2 Business-class wireless access point
- 1/2 Simultaneous dual-band (2.4/5Ghz)
- 1/2 802.11a, 802.11b, 802.11g, 802.11n
- 1/2 Gigabit Ethernet Switch (4+1 Ports)
- 1/2 Centrally managed or standalone operation
- 1/2 Central Management supports mobility, load-balancing, monitoring, status, upgrade and configuration
- 1/2 Local temperature monitoring/logging
- 1/2 (Optional thermometer accessory required)
- 1/2 PoE (Power-over-Ethernet) as standard
- 1/2 Detachable Antennae - Can be replaced
- 1/2 with optional uni-directional or higher-gain
- 1/2 WPA2 Wireless Encryption
- 1/2 Repeater/Bridge/Access Point/Station Modes
- 1/2 Time-Scheduled Operation (multiple schedules)
- 1/2 Wireless Client Isolation
- 1/2 Bandwidth management per SSID
- 1/2 802.1q VLAN Tagging
- 1/2 Four SSIDs for each band (for VLANs)
- 1/2 MAC Address Filtering
- 1/2 Radius / WPA User Authentication
- 1/2 802.1x User Authentication
- 1/2 WDS (Wireless Distribution System)
- 1/2 WMM (Wireless MultiMedia)
- 1/2 WPS - WiFi Protected Setup
- 1/2 LEDs can be disabled or scheduled off

Draytek AP-900 - Technical Specifications

Physical Interfaces/Controls:

- 1/2 LAN A : 4 x Gigabit Ethernet Port 1 accepts PoE Power
- 1/2 LAN B : 1 x Gigabit Ethernet
- 1/2 USB 2.0 Interface (for printer or thermometer)
- 1/2 Power On/Off Button
- 1/2 Wireless On / Off / WDS Button

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- WDS Operation/button can be disabled
- Factory Reset Button (recessed)
- DC Power Socket
- Two antennae (aerial) connectors - RSMA-Female type
- Two Antennae (Removable, 2dB, both TX/RX dual-band)

Wireless LAN Compatibility:

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

Security Features:

- Wireless Encryption : WPA2 (802.11i) Encryption
- Also supports WPA/WEK (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)

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

Operational Modes (5.8Ghz band)

- 802.11a / 802.11n
- Access Point
- 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 & client
- 802.1q VLAN
- VLAN Grouping & mapping for LAN A & LAN B

Management:

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

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

Power, environmental & Physical:

• Temperature Operation : 0°C to 40°C
• Humidity Requirements: 10% to 90 % (Non-condensing)
• Physical Dimensions: mm
• Weight : 0.1kg (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
