

Draytek Vigor AP-900 Managed Wireless Access Point



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

Manufacturer: Draytek

Model Number: AP-900

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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

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

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

Power, environmental & Physical:

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- 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

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