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

ï¿½ Business-class wireless access point
ï¿½ Simultaneous dual-band (2.4/5Ghz)
ï¿½ 802.11a, 802.11b, 802.11g, 802.11n
ï¿½ Gigabit Ethernet Switch (4+1 Ports)
ï¿½ Centrally managed or standalone operation
ï¿½ Central Management supports mobility, load-balancing, monitoring, status, upgrade and configuration
ï¿½ Local temperature monitoring/logging
ï¿½ (Optional thermometer accessory required)
ï¿½ PoE (Power-over-Ethernet) as standard
ï¿½ Detatchable Antennae - Can be replaced
ï¿½ with optional uni-directional or higher-gain
ï¿½ WPA2 Wireless Encryption
ï¿½ Repeater/Bridge/Access Point/Station Modes
ï¿½ Time-Scheduled Operation (multiple schedules)
ï¿½ Wireless Client Isolation
ï¿½ Bandwidth management per SSID
ï¿½ 802.1q VLAN Tagging
ï¿½ Four SSIDs for each band (for VLANs)
ï¿½ MAC Address Filtering
ï¿½ Radius / WPA User Authentication
ï¿½ 802.1x User Authentication
ï¿½ WDS (Wireless Distribution System)
ï¿½ WMM (Wireless MultiMedia)
ï¿½ WPS - WiFi Protected Setup
ï¿½ LEDs can be disabled or scheduled off

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

ï¿½ LAN A : 4 x Gigabit Ethernet Port 1 accepts PoE Power
ï¿½ LAN B : 1 x Gigabit Ethernet
ï¿½ USB 2.0 Interface (for printer or thermometer)
ï¿½ Power On/Off Button
ï¿½ Wireless On / Off / WDS Button

Draytek Vigor AP-900 Managed Wireless Access Point

ï¿½ WDS Operation/button can be disabled
ï¿½ Factory Reset Button (recessed)
ï¿½ DC Power Socket
ï¿½ Two antennae (aerial) connectors - RSMA-Female type
ï¿½ Two Antennae (Removable, 2dB, both TX/RX dual-band)

Wireless LAN Compatibility:

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

Security Features:

ï¿½ Wireless Encryption : WPA2 (802.11i) Encryption
ï¿½ Also supports WPA/WEP (Not recommended)
ï¿½ User Authentication : 802.1x (uses built-in or external Radius Server) (MD5/PEAP Modes)
ï¿½ Wireless Client Isolation
ï¿½ Hidden SSIDs (Selectable)
ï¿½ WPS - WiFi Protected Setup
ï¿½ MAC Address Filtering (ACL)

Operational Modes (2.4Ghz band)

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

Operational Modes (5.8Ghz band)

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

Wireless Control Features:

ï¿½ Wireless Client Status List in WUI
ï¿½ Up to four distinct SSIDs (for VLANs) for each frequency band (2.4/5Ghz)
ï¿½ WMM (Wireless MultiMedia)
ï¿½ MAC Cloning
ï¿½ Built-in DHCP server & client
ï¿½ 802.1q VLAN
ï¿½ VLAN Grouping & mapping for LAN A & LAN B

Management:

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

Draytek Vigor AP-900 Managed Wireless Access Point

ï¿½ Central AP Management (from compatible DrayTek router/controller)
ï¿½ Management VLAN for LAN A & LAN B

Power, environmental & Physical:

ï¿½ Temperature Operation : 0° C to 40° C
ï¿½ Humidity Requirements: 10% to 90 % (Non-condensing)
ï¿½ Physical Dimensions: mm
ï¿½ Weight : 0.kg (main unit, including Aerials)
ï¿½ Wall Mountable
ï¿½ Pack Contents : AP-900 main unit, two aerials, PSU (220-240VAC), quick start guide, manual on CD-Rom
ï¿½ Power : 12VDC via AC/DC PSU (supplied) or 802.3af PoE
ï¿½ Warranty : 2 Years RTB *Planned for later firmware upgrade

Please Enquire