

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¿1/2 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)
- 17.1/2 Centrally managed or standalone operation
- Ti21/2 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
- � Detatchable Antennae Can be replaced
- า๊¿½ with optional uni-directional or higher-gain
- � WPA2 Wireless Encryption
- آذِ1/2 Repeater/Bridge/Access Point/Station Modes
- � Time-Scheduled Operation (multiple schedules)
- � Wireless Client Isolation
- ï¿⅓ Bandwidth management per SSID
- � 802.1q VLAN Tagging
- آزٰ 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
- 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
- i¿½ USB 2.0 Interface (for printer or thermometer)
- ï¿1/2 Power On/Off Button
- ï¿1/2 Wireless On / Off / WDS Button



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- � WDS Operation/button can be disabled
- � Factory Reset Button (recessed)
- ï¿1/2 DC Power Socket
- ī¿½ Two antennae (aerial) connectors RSMA-Female type
- تزير Two Antennae (Removable, 2dB, both TX/RX dual-band)

Wireless LAN Compatibility:

- � IEEE 802.11a/b/g/n
- īస్ట్ Frequency Band 2.4 GHz & Deration 5.8Ghz Simultaneous Operation
- ï¿1/2 300Mb/s Total wireless bandwidth per band

Security Features:

- าั¿1/2 Wireless Encryption : WPA2 (802.11i) Encryption
- � Also supports WPA/WEP (Not recommended)
- T¿1/2 User Authentication: 802.1x (uses built-in or external Radius Server) (MD5/PEAP Modes)
- ï¿⅓ Wireless Client Isolation
- � Hidden SSIDs (Selectable)
- � WPS WiFi Protected Setup
- ï¿⅓ MAC Address Filtering (ACL)

Operational Modes (2.4Ghz band)

- � 802.11b, 802.11g, 802.11n
- ï¿1/2 Access Point
- ï¿⅓ Station Infrastructure
- ï¿1/2 AP Bridge Point-to-Point
- � AP Bridge Point-to-Multipoint
- AP Bridge WDS
- � Universal Repeater

Operational Modes (5.8Ghz band)

- � 802.11a / 802.11n
- ï¿⅓ Access Point
- � Universal Repeater

Wireless Control Features:

- � Wireless Client Status List in WUI
- ī¿½ Up to four distinct SSIDs (for VLANs) for each frequency band (2.4/5Ghz)
- � WMM (Wireless MultiMedia)
- ï¿⅓ MAC Cloning
- � Built-in DHCP server & amp; client
- � 802.1q VLAN
- آذِلًا VLAN Grouping & mapping for LAN A & mp; LAN B

Management:

- � Web Interface (HTTP/HTTPS*)
- 12.1/2 TR-069 Control (For Vigor-ACS-SI or other TR-069 platform)
- ï¿1/2 CLI (Command Line Interface) Telnet
- ï¿1/2 Firmware upgrade by TR-069/HTTP
- ï¿1/2 SNMP V2 / 2c / 3*



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- īస్ట్ Central AP Management (from compatible DrayTek router/controller)
- ï¿1/2 Management VLAN for LAN A & DR, LAN B

Power, environmental & amp; Physical:

- � Temperature Operation : 0° C to 40° C
- تزير Humidity Requirements: 10% to 90 % (Non-condensing)
- � Physical Dimensions: mm
- تزير Weight : 0.kg (main unit, including Aerials)
- تز1/2 Wall Mountable
- ī¿½ Pack Contents : AP-900 main unit, two aerials, PSU (220-240VAC), quick start guide, manual

on CD-Rom

ī¿½ Power : 12VDC via AC/DC PSU (supplied) or 802.3af PoE i¿½ Warranty : 2 Years RTB *Planned for later firmware upgrade

Please Enquire