2-radio 802.11ac Wave 2 Wireless Access Point

DESCRIPTION

Hybrid 2-radio 802.11ac Wave 2 Wireless Access Point
The Allied Telesis TQ1402 is a hybrid 2-radio wireless access point based on IEEE 802.11ac Wave 2 technology with two spatial streams to deliver a raw capacity of 1.167 Gigabits.

The innovative Channel Blanket hybrid mode of the TQ1402 enables optimized wireless networking for all environments. By allowing simultaneous multi-channel and single-channel WLAN connectivity from the same access point, network administrators can combine the performance attributes of the two architectures to best suit their specific deployment requirements.

The TQ1402 has a single 2.4GHz radio and a single 5GHz IEEE 802.11ac radios, and supports Multi-User Multiple Input and Multiple Output (MU-MIMO), allowing multiple clients to send and receive data at the same time, substantially increasing throughput. Combined with a comprehensive feature-set, the APs provide a superior wireless solution for customers from SMBs to large Enterprises.

Smaller businesses can operate the TQ1402 in standalone mode, using its intuitive web-based user interface. For larger installations it can be managed by Allied Telesis Autonomous Wave Control (AWC). With AWC, the wireless network is regularly analyzed, and APs are dynamically updated to reduce interference, minimize coverage gaps, and optimize performanceall with no user intervention. Allied Telesis network management platform, Vista Manager EX, has an AWC wireless management plugin that supports up to 3,000 APs.

Flexible deployment options enable easy installation, with the TQ1402 able to be used on the desktop or mounted on a wall or ceiling. Power may be supplied by Power over Ethernet, for the simplicity of having the Ethernet network connect and power the APs, or by an optional AC power adapter.

TECHNICAL CHARACTERISTICS

Brand : ALLIED TELESIS
Part number : AT-TQ1402-00
Caractéristiques :
5 GHz : Y
Modulation : 16-QAM, 64-QAM, 256-QAM, BPSK, CCK, DBPSK, DQPSK, DSSS, OFDM, QPSK
Design :

- Certification : FCC CE RCM IMDA KC MIC BSMI/NCC OFCA SIRIM
- 2:4 GHz : Y
- AC input frequency : 47-63 Hz
- AC input voltage : 100 - 240 V
- Antenna type : Internal
- Auto Wireless Distribution System (WDS) : Y
- Depth : 165 mm
- DHCP client : Y
- Ethernet LAN (RJ-45) ports : 1
- Ethernet LAN data rates : 10,100,1000 Mbit/s
- Firmware upgradeable : Y
- Flow control support : Y
- Harmonized System (HS) code : 85176990
- Height : 43 mm
- MAC address filtering : Y
- Maximum data transfer rate : 1167 Mbit/s
- Networking standards : IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11i, IEEE 802.11k, IEEE 802.11r, IEEE 802.11v, IEEE 802.1Q, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x
- Number of products included : 1 pc(s)
- Operating altitude : 0 - 3000 m
- Operating relative humidity (H-H) : 0 - 90%
- Operating temperature (T-T) : 0 - 45 °C
- Output current : 2 A
- Output voltage : 12 V
- Placement : Wall
- Power consumption (max) : 12 W
- Power consumption (typical) : 7.4 W
- Power over Ethernet (PoE) : Y
- Product colour : White
- Remote Authentication Dial-In User Service (RADIUS) : Y
- Security algorithms : 64-bit WEP, 128-bit WEP, AES, HTTPS, SNMP, TKIP, WPA, WPA2
- Service Set Identifier (SSID) features : Hidden SSID
- Storage relative humidity (H-H) : 0 - 95%
- Storage temperature (T-T) : -25 - 70 °C
- VLAN support : Y
- Weight : 430 g
- Width : 163 mm