



No. d'article: 144826
Numéro de fabricant: ALL-WAPC0486AC

ALLNET ALL-WAPC0486AC / 1300 Mbit Wireless Contr. AC IP68AP



EAN CODE



1750Mbit Wireless AC Controlled IP68 Full-Outdoor Dual Band AccessPoint with PoE

HIGHLIGHTS

- Dual-Band 11ac Speeds to 1,300 Mbps (5 GHz); to 450 Mbps (2.4 GHz)
- (6) High-Gain Detachable Antennas; Pair With 3x3 Sector Antenna for Broader Coverage
- Up to 29 dBm Transmit Power Extends Outdoor Connectivity
- (2) Gigabit PoE+ Compliant Ports Offer Flexible Power Options for Remote IP Cameras or APs
- Supports Mesh Wireless for simplified setup, optimized signals & self-healing

The ALL-WAPC0486AC features an industrial-grade IP68-rated waterproof & dustproof housing that ensures optimal performance and long-term reliability in variable outdoor environments. Dual-band 11ac speeds support greater user capacities in settings like marinas, campgrounds and travel plazas. The ALL-WAPC0486AC IP68 Full-Outdoor Accesspoint supports dual-band in 3x3 mode with max. 867Mbit in 5GHz and 300Mbit in 2.4GHz network. The ALL-WAPC0465AC IP55 Semi-Outdoor Access Point can be used individually or with the optional ALL-WAPC0450C controller. The 6x N-Type antenna connections make the AP extremely flexible and, with optional external antennas, transforms the AP into the master and most flexible of all access points. Only the appropriate antenna technologies such as omnidirectional beam / flat patch / yagi or sector antennas can get the



most out of the AP. The second Gigabit PoE LAN port on the AP provides a back-switched terminal with power and data connectivity without the need for an additional power cable or power supply. The AP can be used individually and only in combination with the controller, the AP can only unfold with additional functions such as fast roaming and handover, for example.

Technical Details:

| Technical Specifications | |
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| Standard | IEEE 802.11b/g/n on 2.4 GHz IEEE 802.11a/n/ac on 5 GHz IEEE 802.3at IEEE 802.1r IEEE 802.1k IEEE 802.11x |
| Memory Capacity | Memory: 256 MB Flash Memory 16 MB |
| Antenna | 3 x 5dBi External Omni-Directional N-Type Antennas for 2.4 GHz 3 x 7dBi External Omni-Directional N-Type Antennas for 5 GHz |
| Physical Interface | - 2 x 10/100/1000 Gigabit Ethernet Ports) - LAN1: Supports 802.3at PoE Input - LAN2: Data & 802.3af PoE Pass-Through) |
| LED Indicators | 1 x Power 2 x WLAN (Wireless Connection) 2.4GHz 5GHz 2 x LAN |
| Power Source | External Power Adapter DC IN, 48 V/0.8A IEEE 802.3at Compliant Source Active Ethernet (PoE) |
| PSE Output | LAN2 802.3af power source with included power adapter |
| Surge Protection | 4KV |
| ESD Protection | Contact: 6KV Air: 8 KV |
| Ingress Protection Marking | IP68-Rated Waterproof/Dustproof Enclosure |
| Mounting | Ceiling Mount Wall Mount |
| Wireless & Radio Specifications | |
| Operating Frequency | Dual-Radio Concurrent 2.4GHz & 5GHz |
| Operation Modes | Access Point |



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| | Mesh Access Point |
| Frequency Radio | 2.4GHz: 2400MHz ~ 2835MHz 5GHz: 5150MHz ~ 5250MHz, 5470 ~ 5725MHz, 5725MHz ~ 5850MHz |
| Transmit Power | Up to 29 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Max transmit power is limited by regulatory power |
| Radio Chains/Spatial Streams | 3x3:3 |
| Supported Data Rates (Mbps) | 2.4 GHz: Max 450 5 GHz: Max 1300 802.11b: 1, 2, 5.5, 11 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 802.11n: 6.5 to 450 (MCS0 to MCS23) 802.11ac: 6.5 to 1300 (MCS0 to MCS9, NSS=1 ~3) |
| Supported Radio Technology | 802.11b: Direct-Sequence Spread-Spectrum (DSSS) 802.11a/g/n/ac: Orthogonal frequency-division Multiplexing (OFDM) |
| Channelization | 802.11ac with 20/40/80 MHz channel width 802.11n with 20/40 MHz channel width 802.11a/b/g with 20 MHz channel width |
| Supported Modulation | 802.11b: BPSK, QPSK, CCK 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM |
| Management | |
| Multiple BSSID | Supports up to 8 SSIDs per radio |
| VLAN Tagging | Supports 802.1q SSID-to-VLAN tagging VLAN Pass through |
| QoS | Compliant with IEEE 802.11e Standard WMM |
| SNMP | v1, v2c, v3 |
| MIB | I/II, Private MIB |
| Management Features | |
| Deployment Options | Standalone (Individually Managed) Managed Mode (with optional Controller ALL-WAPC0450C) |
| Wireless Management Features (with ALL-WAPC0450AC-Controller) | AP Auto Discovery and Provisioning AP Auto IP Assignment AP Group Management Remote AP Rebooting AP Device Name Editing AP Radio Settings Band Steering Traffic Shaping |



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| | Fast Roaming (802.11k & 802.11r) Pre-Authentication (802.11i, 802.11x) PMK Caching (802.11i) RSSI Threshold AP Client Limiting Client Fingerprinting AP VLAN Management VLANs for AP - Multiple SSIDs Secured Guest Network Captive Portal Access Point Status Monitoring Rogue AP Detection Wireless Client Monitoring Background Scanning Auto Transmit Power Auto Channel Email Alert Wireless Traffic & Usage Statistics Real-time Throughput Monitoring Visual Topology View Floor Plan View Map View Wireless Coverage Display SSL Certificate Remote MAC Address Database (RADIUS) Unified Configuration Import/Export Bulk Firmware Upgrade Capability One-Click Update Intelligent Diagnostics Kick/Ban Clients Wi-Fi Scheduler Traffic Shaping |
| Configuration | Web Interface (HTTP) CLI (Telnet) |
| Control Features | Managed Mode (by ALL-WAPC0450C) Auto Reboot One-Click Firmware Upgrade Firmware Upgrade: Web interface or CLI (FTP/HTTP) |
| Security | WPA/WPA2 Enterprise Hide SSID in beacons MAC Address Filtering Https Support SSH Support Client Isolation L2 Isolation |
| Environmental & Physical | |
| Temperature Range | Operating: -4 °F to 158 °F, -20 °C to 70 °C |

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| | Storage: -22 °F to 176 °F, -30 °C to 80 °C |
| Humidity (non-condensing) | Operating: 90% or less Storage: 90% or less |
| Device Dimensions & Weights | |
| ALL-WAPC0486AC Device (w/o antennas) | Weight: 4.17 lbs. (1891.48 g) Length: 11.22" (285 mm) Width: 8.58" (217.93 mm) |
| Package Contents | <ul style="list-style-type: none"> - ALL-WAPC0486AC Dual-Band 802.11ac Outdoor Access Point - Three (3) Detachable 2.4 GHz omni-directional antennas - Three (3) Detachable 5 GHz omni-directional antennas - Power Adapter (48V/0.8A) - PoE Injector (EPE-48GR) - Grounding Cable - Pole Mount Bracket - Wall Mount Base - Mounting Screw Set - Quick Installation Guide |

Images supplémentaires





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Accessoires

| No. d'article | Désignation |
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| 144813 | ALLNET ALL-WAP0450C / Wireless Controller WAP-C-Series 50APs |
| 186548 | ALLNET Injecteur PoE Gigabit PoE & PoE+ (15,4W/30W) |
| 147402 | ALLNET ALL0489v3 Injecteurs PoE IEEE802.3at adaptés |
| 137466 | ALLNET ALL-SG8910PM / full managed Layer2+ 10 Port Giga PoE+ |
| 93392 | ALLNET ALL8808POE / 8 ports Gigabit Full PoE Switch |
| 194025 | ALLNET Switch full managed 24 Port Gigabit 390W / 24x PoE+ |
| 99305 | ALLNET ALL95100 / TP Cat 6 Gigabit surge arrester |
| 146999 | ALLNET PoE USV Backup - USV für Kameras, Accesspoints ALL900 |
| 90403 | ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 150 cm |
| 90404 | ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 300 cm |
| 90405 | ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 500 cm |
| 18969 | ALLNET Antenne 6dBi |
| 18970 | ALLNET Antenne 8,5dBi |
| 18971 | ALLNET Antenne 12dBi |
| 31706 | Antenne HG2414SP-120 Sector |
| 35283 | ALL19012 antenne Flat-Patch |
| 92439 | ALLNET Antenne 2, 4 GHz Flat Patch MIMO 2T2R 12dbi N-Type |
| 92641 | ALLNET Antenne 2, 4 GHz Flat Patch 1T1R 12dbi N-Type |
| 35396 | ALLNET Antenne HyperGain 17dbi Sector |
| 92384 | ALLNET Antenne 5,8 GHz Flat Patch MIMO 3T3R 15dbi N-Type |
| 92661 | ALLNET Antenne 5 GHz Flat Patch Outdoor 1T1R 19dbi N-Type |
| 109373 | ALLNET Antenne 5, 8 GHz 16dBi Sectorial 120° MIMO Dual-Pola |
| 195544 | ALLNET Injecteur PoE extérieur IEEE802.3bt (15,4W/30W/60W) |