

ALLNET ALL-WAPC0486AC / 1300 Mbit Wireless AC AP outdoor IP68



EAN CODE



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

HIGHLIGHTS

- 3x3/3T3R-Stream 802.11ac Wireless LAN Concurrent
- Bis zu 1300Mbps im 5 GHz Netzwerk
- Bis zu 450Mbps im 2,4GHz Netzwerk
- weiträumige Abdeckung 29 dBm im 2.4 GHz & 5 GHz Band
- 6x N-Type Antennen-Anschlüsse für flexible Antennen-Installationen
- 6x abnehmbare 5dbi Rundstrahl-Antennen inklusive
- 2ter PoE Passthrough Gigabit LAN Port für optionale Kamera oder anderes PoE Endgerät
- Unterstützt MESH Wireless für einfache flexible Installation mit Selbstheilung
- Stromversorgung via externes Netzteil oder Power over Ethernet nach IEEE802.3at 30W

Der ALL-WAPC0486AC IP68 Full-Outdoor Accesspoint unterstützt Dual-Band im 3x3 Verfahren mit max. 867Mbit im 5GHz und 300Mbit im 2,4GHz Netz. Der ALL-WAPC0465AC IP55 Semi-Outdoor Accesspoint kann sowohl einzeln als auch mit dem optionalen Controller ALL-WAPC0450C verwendet werden. Die 6x N-Type Antennenanschlüsse machen den AP äußerst flexibel und verwandelt den AP durch externe optionale Antennen zu dem Meister und flexibelsten aller Accesspoints. Denn erst die passende Antennentechniken wie Rundstrahl / Flat-Patch / Yagi oder Sector-Antennen holen das Maximum aus dem AP raus. Der zweite Gigabit PoE LAN Port am AP verhilft einem dahintergeschalteten Endgerät zur Strom und Datenanbindung ohne das ein zusätzliches Stromkabel oder Netzteil verwendet werden muß. Der AP kann einzeln und erst in Kombination mit dem Controller entfaltet sich erst der AP mit Zusatzfunktionen wie Fast-Roaming und Handover etc.



Technical Details:

Technical Specifications	
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 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 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 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	- 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

Weitere Bilder





Art.-Nr.: 144826
Herst.-Nr.: ALL-WAPC0486AC



Zubehör

Art.-Nr.	Name
186548	ALLNET PoE Injektor Gigabit PoE & PoE+ (15,4W/30W) / Kunststoffgehäuse / "ALL0488v6"
137466	ALLNET Switch full managed 8 Port Gigabit 240W / 8x PoE+ / 2x LAN oder 2x SFP / 19" / "ALL-SG8910PM"
93392	ALLNET Switch unmanaged 8 Port Gigabit 150W / 8x PoE+ / 4x LAN / Lüfterlos / 19" / "ALL8808POE"
194025	ALLNET Switch full managed 24 Port Gigabit 390W / 24x PoE+ / 4x SFP / Lüfterlos / 19" / "ALL-SG8626PM"
99305	ALLNET TP Cat 6 Überspannungs-/Blitzschutz Surge Protector ALL95100 Indoor
146999	ALLNET PoE USV Backup - USV für Kameras, Accesspoints ALL90011PoE
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 2,4 GHz 6dBi Omni outdoor N-Type
18970	ALLNET Antenne 2,4 GHz 8dBi Omni outdoor N-Type
18971	ALLNET Antenne 2,4 GHz 12dBi Omni outdoor N-Type
31706	ALLNET Antenne 2,4 GHz 14dBi Sectorial 120° outdoor N-Type L-com
35283	ALLNET Antenne 2,4 GHz 14dBi Flat Patch outdoor N-Type
92439	ALLNET Antenne 2,4 GHz 12dBi Flat Patch Outdoor MIMO 2T2R N-Type female
92641	ALLNET Antenne 2,4 GHz 12dBi Flat Patch Outdoor 1T1R N-Type female
35396	ALLNET Antenne 5,8 GHz 17dBi Sectorial 90° outdoor N-Type L-com
92384	ALLNET Antenne 5,8 GHz Flat Patch Outdoor 3T3R MIMO 15dbi N-Type female
92661	ALLNET Antenne 5,8 GHz 19dBi Flat Patch Outdoor 1T1R N-Type female
109373	ALLNET Antenne 5,8 GHz 16dBi Sectorial 120° MIMO Dual-Polarisierte outdoor N-Type L-com
195544	ALLNET PoE Injektor Outdoor IP67 IEEE802.3bt (15,4W/30W/60W) Metallgehäuse / ALL-PI2013OBT60