

Item no.: 385465

AWK-3131A-EU - 802.11abgn access point, EU band, -25 to 60C operating temperature

from **548,75 EUR**

Item no.: 385465
shipping weight: 0.90 kg
Manufacturer: MOXA



Product Description

802.11a/b/g/n access point, EU band, -25 to 60°C operating temperature
 WLAN Interface
 WLAN Standards: 802.11a/b/g/n; 802.11i Wireless Security
 Modulation Type: DSSS; OFDM; MIMO-OFDM
 Frequency Band for EU (20 MHz operating channels): 2.412 to 2.472 GHz (13 channels) 5.180 to 5.240 GHz (4 channels) 5.320 to 5.700 GHz (11 channels)
 Wireless Security: WEP encryption (64-bit and 128-bit) WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES) WPA/WPA2-Personal
 Transmission Rate: 802.11b: 1 to 11 Mbps 802.11a/g: 6 to 54 Mbps 802.11n: 6.5 to 300 Mbps
 Transmitter Power for 802.11a: 23±1.5 dBm @ 6 to 24 Mbps 21±1.5 dBm @ 36 Mbps 20±1.5 dBm @ 48 Mbps 18±1.5 dBm @ 54 Mbps
 Transmitter Power for 802.11n (5 GHz): 23±1.5 dBm @ MCS0/8 20 MHz 18±1.5 dBm @ MCS7/15 20 MHz 23±1.5 dBm @ MCS0/8 40 MHz 17±1.5 dBm @ MCS7/15 40 MHz
 Transmitter Power for 802.11b: 26±1.5 dBm @ 1 Mbps 26±1.5 dBm @ 2 Mbps 26±1.5 dBm @ 5.5 Mbps 25±1.5 dBm @ 11 Mbps
 Transmitter Power for 802.11g: 23±1.5 dBm @ 6 to 24 Mbps 21±1.5 dBm @ 36 Mbps 19±1.5 dBm @ 48 Mbps 18±1.5 dBm @ 54 Mbps
 Transmitter Power for 802.11n (2.4 GHz): 23±1.5 dBm @ MCS0/8 20 MHz 18±1.5 dBm @ MCS7/15 20 MHz 23±1.5 dBm @ MCS0/8 40 MHz 17±1.5 dBm @ MCS7/15 40 MHz
 Receiver Sensitivity for 802.11a (measured at 5.680 GHz): Typ. -90 @ 6 Mbps Typ. -88 @ 9 Mbps Typ. -88 @ 12 Mbps Typ. -85 @ 18 Mbps Typ. -81 @ 24 Mbps Typ. -78 @ 36 Mbps Typ. -74 @ 48 Mbps
 Note: Due to a limitation in the receiver sensitivity performance for channels 153 and 161, it is recommended to avoid using these channels in your critical applications.
 Receiver Sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Typ. -69 dBm @ MCS7 20 MHz Typ. -71 dBm @ MCS15 20 MHz Typ. -63 dBm @ MCS7 40 MHz Typ. -68 dBm @ MCS15 40 MHz
 Note: Due to a limitation in the receiver sensitivity performance for channels 153 and 161, it is recommended to avoid using these channels in your critical applications.
 Receiver Sensitivity for 802.11b (measured at 2.437 GHz): Typ. -93 dBm @ 1 Mbps Typ. -93 dBm @ 2 Mbps Typ. -93 dBm @ 5.5 Mbps Typ. -88 dBm @ 11 Mbps
 Receiver Sensitivity for 802.11g (measured at 2.437 GHz): Typ. -88 dBm @ 6 Mbps Typ. -86 dBm @ 9 Mbps Typ. -85 dBm @ 12 Mbps Typ. -85 dBm @ 18 Mbps Typ. -85 dBm @ 24 Mbps
 Typ. -78 dBm @ 48 Mbps Typ. -74 dBm @ 54 Mbps
 Receiver Sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz): Typ. -70 dBm @ MCS7 20 MHz Typ. -69 dBm @ MCS15 20 MHz Typ. -67 dBm @ MCS7 40 MHz
 Typ. -67 dBm @ MCS15 40 MHz
 WLAN Operation Mode: Access point, Client, Client-Router, Master, Slave, Sniffer
 Antenna: External, 2/2 dBi, Omni-directional
 Antenna Connectors: 2 RP-SMA female
 Ethernet Interface Standards: IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3ab for 1000BaseT(X) IEEE 802.3at for PoE IEEE 802.1Q for VLAN Tagging IEEE 802.1X for authentication IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol
 PoE Ports (10/100/1000BaseT(X), RJ45 connector): 1 Ethernet
 Software Features Management: DHCP Server/Client, DNS, HTTP, IPv4, LLDP, Proxy ARP, SMTP, SNMP v1/v2c/v3, Syslog, TCP/IP, Telnet, UDP, VLAN, Wireless Search Utility, MXview, MXview Wireless, MXconfig
 Routing: Port forwarding, Static Route, NAT
 Redundancy Protocols: RSTP, STP
 Security: HTTPS/SSL, RADIUS, SSH
 Time Management: SNTP Client
 Firewall Filter: ICMP, MAC address, IP protocol, Port-based
 Serial Interface Console Port: RS-232, 8-pin RJ45
 LED Indicators: PWR1, PWR2, PoE, FAULT, STATE, SIGNAL, WLAN, LAN
 Input/Output Interface Digital Inputs: 2 Max. input current: 8 mA +13 to +30 V for state 1 +3 to -30 V for state 0
 Alarm Contact Channels: Relay output with current carrying capacity of 1 A @ 24 VDC
 Buttons: Reset button
 Physical Characteristics Housing: Metall IP Rating: IP30
 Dimensions: 52.7 x 135 x 105 mm (2.08 x 5.32 x 4.13 in) Weight: 860 g (1.9 lb)
 Installation: DIN-rail mounting, Wall mounting (with optional kit)
 Power Parameters Input Current: 0.6 A @ 12 VDC, 0.15 A @ 48 VDC
 Input Voltage: 12 to 48 VDC, Redundant dual inputs, 48 VDC
 Power-over-Ethernet: Power Connector 1 removable 10-contact terminal block(s)
 Power Consumption: 7.2 W (max.)
 Reverse Polarity Protection: Supported
 Environmental Limits Operating Temperature: -25 to 60°C (-13 to 140°F) Storage Temperature (package included): -40 to 85°C (-40 to 185°F) Ambient Relative Humidity: 5 to 95% (non-condensing)
 Standards and Certifications EMC: EN 61000-6-2/-6-4 EMI: CISPR 32, FCC Part 15B Class A EMS: IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV IEC 61000-4-6 CS: 3 V IEC 61000-4-8 PFM Hazardous Locations: ATEX, Class I Division 2, IECEx Radio: EN 300 328, EN 301 489-1/17, EN 301 893, FCC ID SLE-WAPN008, ANATEL, MIC, NCC, RCM, SRRC, WPC, KCSafety: EN 60950-1, UL 60950-1
 Vibration: IEC 60068-2-6 MTBF Time: 570,854 hrs Standards: Telcordia SR332

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability

