

Item no.: 385466

## AWK-3131A-EU-T - 802.11abgn access point, EU band, -40 to 75C operating temperature

from **660,90 EUR**

Item no.: 385466  
shipping weight: 1.00 kg  
Manufacturer: MOXA



### Product Description

802.11a/b/g/n access point, EU band, -40 to 75°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) 5.260 to 5.320 GHz (4 channels) 5.500 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 Typ. -72 @ 54 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. -82 dBm @ 36 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 802.3u for 10BaseT 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, SNMPv1/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 Interface 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:** -40 to 75°C (-40 to 167°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 PFMF  
**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, KCS  
**Safety:** 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

