

Item no.: 385450

## AWK-1131A-EU-T - 802.11abgn access point, EU band, -40 to 75C operating temperature

from **501,89 EUR**

Item no.: 385450  
shipping weight: 0.40 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  
Transmission 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  
Transmission 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  
Transmission 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  
Transmission 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  
Transmission 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  
Reception 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- Type. -74 @ 48 Mbps- Type. -72 @ 54 Mbps  
Note: Due to a limitation in receiver sensitivity performance for channels 153 and 161, it is recommended not to use these channels in your critical applications.  
Receiver sensitivity for 802.11n (5 GHz; measured at 5.680 GHz):- Type. -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 receiver sensitivity performance for channels 153 and 161, it is recommended not to use these channels in your critical applications.  
Receiver sensitivity for 802.11b (measured at 2.437 GHz):- Typ. -93 dBm @ 1 Mbps- Type. -93 dBm @ 2 Mbps- Typ. -93 dBm @ 5.5 Mbps- Typ. -88 dBm @ 11 Mbps  
Reception 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- Type. -78 dBm @ 48 Mbps- Type. -74 dBm @ 54 Mbps  
Reception 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 operating mode: Access point, client, sniffer- Antenna: External, 2/2 dBi, omnidirectional- Antenna connections: 2 RP-SMA sockets  
Ethernet interface Standards:- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X)- IEEE 802.3ab for 1000BaseT(X)- IEEE 802.1X for authentication- 10/100/1000BaseT(X) ports (RJ45 connection): 1 Ethernet software functions- 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- Security: HTTPS/SSL, RADIUS, SSH- Time management: SNTP client  
Firewall- Filter: ICMP, MAC address, IP protocol, port-based  
Serial interface- Console connection: RS-232, 8-pin RJ45  
LED interface- LED indicators: PWR, FAULT, STATE, SIGNAL, WLAN, LAN  
Input/output interface- Buttons: Reset button  
Physical properties- Housing: metal- IP protection class: IP30- Dimensions: 58 x 115 x 70 mm (2.29 x 4.53 x 2.76 in)- Weight: 307 g (0.68 lb)- Mounting: DIN rail mounting, wall mounting (with optional kit)  
Power parameters- Input current: 0.56 A @ 12 VDC, 0.14 A @ 48 VDC- Input voltage: 12 to 48 VDC- Power connection: 1 detachable 4-contact terminal block(s)- Power consumption: 6.96 W (max.)- Reverse polarity protection: Supports  
Environmental conditions- Operating temperature: -40 to 75°C (-40 to 167°F)- Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)- Ambient relative humidity: 5 to 95% (non-condensing)  
Standards and certifications- EMC: EN 55032/24- EMI: CISPR 32, FCC Part 15B Class A  
EMS:- IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV- IEC 61000-4-6 CS: 3 V- IEC 61000-4-8 PFMF- Radio: EN 300 328, EN 301 489-1/17, EN 301 893, FCC ID SLE-WAPN008, MIC, NCC, RCM, SRRC, WPC, KC, ANATEL- Safety: EN 60950-1, UL 60950-1- Vibration: IEC 60068-2-6  
MTBF- Time: 749,476 hours- Standards: Telcordia SR332

### Specifications

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

