

Item no.: 385451

## AWK-1131A-JP - 802.11abgn access point, JP band, 0 to 60C Operating temperature

from **444,80 EUR**

Item no.: 385451  
shipping weight: 0.40 kg  
Manufacturer: MOXA



### Product Description

802.11a/b/g/n access point, JP band, 0 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 JP (20 MHz operating channels):2.412 to 2.484 GHz (14 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 Mbps802.11a/g: 6 to 54 Mbps802.11n: 6.5 to 300 Mbps- Transmission power for 802.11a:23±1.5 dBm @ 6 to 24 Mbps21±1.5 dBm @ 36 Mbps20±1.5 dBm @ 48 Mbps18±1.5 dBm @ 54 Mbps- Transmission power for 802.11n (5 GHz):23±1.5 dBm @ MCS0/8 20 MHz18±1.5 dBm @ MCS7/15 20 MHz23±1.5 dBm @ MCS0/8 40 MHz17±1.5 dBm @ MCS7/15 40 MHz- Transmission power for 802.11b:26±1.5 dBm @ 1 Mbps26±1.5 dBm @ 2 Mbps26±1.5 dBm @ 5.5 Mbps25±1.5 dBm @ 11 Mbps- Transmission power for 802.11g:23±1.5 dBm @ 6 to 24 Mbps21±1.5 dBm @ 36 Mbps19±1.5 dBm @ 48 Mbps18±1.5 dBm @ 54 Mbps- Transmission power for 802.11n (2.4 GHz):23±1.5 dBm @ MCS0/8 20 MHz18±1.5 dBm @ MCS7/15 20 MHz23±1.5 dBm @ MCS0/8 40 MHz17±1.5 dBm @ MCS7/15 40 MHz- Receive sensitivity for 802.11a (measured at 5.680 GHz):Typ. -90 @ 6 MbpsTyp. -88 @ 9 MbpsTyp. -88 @ 12 MbpsType. -85 @ 18 MbpsType. -81 @ 24 MbpsType. -78 @ 36 MbpsType. -74 @ 48 MbpsType. -72 @ 54 MbpsNote: 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 MHzType. -71 dBm @ MCS15 20 MHzType. -63 dBm @ MCS7 40 MHzType. -68 dBm @ MCS15 40 MHzNote: 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):Type. -93 dBm @ 1 MbpsType. -93 dBm @ 2 MbpsType. -93 dBm @ 5.5 MbpsType. -88 dBm @ 11 Mbps- Reception sensitivity for 802.11g (measured at 2.437 GHz):Type. -88 dBm @ 6 MbpsType. -86 dBm @ 9 MbpsType. -85 dBm @ 12 MbpsType. -85 dBm @ 18 MbpsType. -85 dBm @ 24 MbpsType. -82 dBm @ 36 MbpsType. -78 dBm @ 48 MbpsType. -74 dBm @ 54 Mbps- Reception sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz):Type. -70 dBm @ MCS7 20 MHzType. -69 dBm @ MCS15 20 MHzType. -67 dBm @ MCS7 40 MHzType. -67 dBm @ MCS15 40 MHz- WLAN operating mode: Access Point, Client, Sniffer- Antenna: External, 2/2 dBi, omnidirectional- Antenna connections: 2 RP-SMA socketsEthernet interface- Standards:IEEE 802.3 for 10BaseTIEEE 802.3u for 100BaseT(X)IEEE 802.3ab for 1000BaseT(X)IEEE 802.1X for authentication10/100/1000BaseT(X) Ports (RJ45 connection): 1Ethernet 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 clientFirewall- Filter: ICMP, MAC address, IP protocol, port-basedSerial interface- Console connection: RS-232, 8-pin RJ45LED interface- LED indicators: PWR, FAULT, STATE, SIGNAL, WLAN, LANInput/output interface- Buttons: Reset buttonPhysical 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: Supportsenvironmental limits- Operating temperature: 0 to 60°C (32 to 140°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 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kVIEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kVIEC 61000-4-6 CS: 3 VIEC 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 60068-2-6MTBF- Time749,476 hours- Standards- Telcordia SR332

### Specifications

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All details, up-to-date  
prices and availability

