

Item no.: 385467

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

from **564,85 EUR**

Item no.: 385467
shipping weight: 1.00 kg
Manufacturer: MOXA



Product Description

802.11a/b/g/n access point, JP 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 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 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 100BaseT(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: -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 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, 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

