

Item no.: 385454

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

from **535,23 EUR**

Item no.: 385454
shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

802.11a/b/g/n access point, US 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 US (20 MHz operating channels):2.412 to 2.462 GHz (11 channels)5.180 to 5.240 GHz (4 channels)5.260 to 5.320 GHz (4 channels) 5.500 to 5.700 GHz (8 channels) without 5.600 to 5.640 GHz 5.745 to 5.825 GHz (5 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):Type. -90 @ 6 MbpsType. -88 @ 9 MbpsType. -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- Administration: 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)Performance 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 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 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- Time: 749,476 hours- Standards: Telcordia SR332

Specifications

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