

Item no.: 385477

AWK-3252A-US - 802.11abgnac access point, US band, -25 to 60C operating temperature

from **676,14 EUR**

Item no.: 385477
shipping weight: 0.90 kg
Manufacturer: MOXA



Product Description

802.11a/b/g/n/ac access point, US band, -25 to 60°C operating temperature
 WLAN Interface
 WLAN Standards: 2.4 GHz: 802.11b/g/n with 256 QAM support
 5 GHz: 802.11a/n/ac Wave 2 with 256 QAM support
 Frequency Band for US (20 MHz operating channels): 2.412 to 2.462 GHz (11 channels)
 5.180 to 5.240 GHz (4 channels)
 5.745 to 5.825 GHz (5 channels)
 5.500 to 5.700 GHz (11 channels)
 5.260 to 5.320 GHz (4 channels)
 Wireless Security: WPA/WPA2/WPA3-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES)
 WPA/WPA2/WPA3-Personal
 Transmission Rate: 2.4 GHz: 802.11b: 1 to 11 Mbps
 802.11g: 6 to 54 Mbps
 802.11n: 6.5 to 400 Mbps
 5 GHz: 802.11a: 6 to 54 Mbps
 802.11n: 6.5 to 300 Mbps
 802.11ac: 6.5 to 867 Mbps
 Transmitter Power for 802.11a (Dual Chain): 25±1.5 dBm @ 6 Mbps
 23±1.5 dBm @ 54 Mbps
 Transmitter Power for 802.11n (5 GHz, Dual Chain): 25±1.5 dBm @ MCS0 20 MHz
 22±1.5 dBm @ MCS7 20 MHz
 24±1.5 dBm @ MCS0 40 MHz
 22±1.5 dBm @ MCS7 40 MHz
 Transmitter Power for 802.11ac (Dual Chain): 25±1.5 dBm @ MCS0 20 MHz
 22±1.5 dBm @ MCS8 20 MHz
 24±1.5 dBm @ MCS0 40 MHz
 21±1.5 dBm @ MCS9 40 MHz
 23±1.5 dBm @ MCS0 80 MHz
 20±1.5 dBm @ MCS9 80 MHz
 Transmitter Power for 802.11b (Dual Chain): 29±1.5 dBm @ 1 Mbps
 29±1.5 dBm @ 11 Mbps
 Transmitter Power for 802.11g (Dual Chain): 29±1.5 dBm @ 6 Mbps
 26±1.5 dBm @ 54 Mbps
 Transmitter Power for 802.11n (2.4 GHz, Dual Chain): 28±1.5 dBm @ MCS0 20 MHz
 25±1.5 dBm @ MCS7 20 MHz
 28±1.5 dBm @ MCS0 40 MHz
 25±1.5 dBm @ MCS7 40 MHz
 Receiver Sensitivity for 802.11a (measured at 5.680 GHz): Typ. -88 @ 6 Mbps
 Typ. -72 @ 54 Mbps
 Receiver Sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Typ. -88 dBm @ MCS0 20 MHz
 Typ. -68 dBm @ MCS7 20 MHz
 Typ. -84 dBm @ MCS0 40 MHz
 Typ. -66 dBm @ MCS7 40 MHz
 Receiver Sensitivity for 802.11ac: Typ. -88 dBm @ MCS0 20 MHz
 Typ. -65 dBm @ MCS8 20 MHz
 Typ. -85 dBm @ MCS0 40 MHz
 Typ. -60 dBm @ MCS9 40 MHz
 Typ. -81 dBm @ MCS0 80 MHz
 Typ. -55 dBm @ MCS9 80 MHz
 Receiver Sensitivity for 802.11b (measured at 2.437 GHz): Typ. -96 dBm @ 1 Mbps
 Typ. -88 dBm @ 11 Mbps
 Receiver Sensitivity for 802.11g (measured at 2.437 GHz): Typ. -90 dBm @ 6 Mbps
 Typ. -74 dBm @ 54 Mbps
 Receiver Sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz): Typ. -90 dBm @ MCS0 20 MHz
 Typ. -70 dBm @ MCS7 20 MHz
 Typ. -87 dBm @ MCS0 40 MHz
 Typ. -69 dBm @ MCS7 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 802.3 for 10BaseT
 IEEE 802.3u for 100BaseT(X)
 IEEE 802.3ab for 1000BaseT(X)
 IEEE 802.3af for PoE
 IEEE 802.3at for PoE+
 IEEE 802.3az for Energy-Efficient Ethernet
 IEEE 802.1Q for VLAN Tagging
 IEEE 802.1X for authentication
 10/100/1000BaseT(X) Ports (RJ45 connector): 1 PoE Ports (10/100/1000BaseT(X)), RJ45 connector): 1 Ethernet Software Features
 Management: DHCP Server; DHCP Client; DNS; HTTP; IPv4; LLDP; SMTP; SNMPv1/v2c/v3; Syslog; TCP/IP; Telnet; UDP; VLAN; MXconfig
 Routing: Port forwarding; Static Route; NAT
 Security: HTTPS/SSL; RADIUS; SSH; Certificate Management
 Time Management: SNTP Client
 Firewall Filter: ICMP; MAC address; IP protocol; Port-based; Wi-Fi ACL; Client Isolation
 Serial Interface
 Console Port: RS-232; 8-pin RJ45
 USB Interface
 Storage Port: USB Type A
 LED Interface
 LED Indicators: PWR1, PWR2, PoE, SYS, 2.4G, 5G, LAN1, LAN2
 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: Metal
 IP Rating: IP30
 Dimensions: 45 x 130 x 100 mm (1.77 x 5.12 x 3.94 in)
 Weight: 700 g (1.5 lb)
 Installation: DIN-rail mounting; Wall mounting (with optional kit)
 Power Parameters
 Input Current: 12-48 VDC, 2.2-0.5 A
 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: 28.4 W (max.)
 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; EN 55032/35EM1; CISPR 32, FCC Part 15B Class A
 EMS: IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kVIEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kVIEC 61000-4-6 CS: 10 V/mIEC 61000-4-8 PFMF: 30 A/mSafety: IEC 60950-1; IEC 62368-1; UL 62368-1
 Hazardous Locations: ATEX; Class I Division 2; IECEx
 Road Vehicles: E mark E1
 Vibration: IEC 60068-2-6
 Radio: EN 300 328, EN 301 489-1/17, EN 301 893, ANATEL, FCC, MIC, NCC, RCM, SRRC, WPC, KC, NBTC, IC
 Industrial Cybersecurity: IEC 62443-4-1; IEC 62443-4-2
 MTBF: Time: 653,801 hrs
 Standards: Telcordia SR332

Specifications

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

