

Item no.: 385477

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

from **655,76 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 55032/35EMI: 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

