

Item no.: 385460

AWK-3252A-US-T - 802.11abgnac access point, US band, operating temperature -40 to 75 °C

from **793,21 EUR**

Item no.: 385460
shipping weight: 0.70 kg
Manufacturer: MOXA



Product Description

Moxa's extensive range of industrial-grade 3-in-1 wireless AP/bridge/client products combine a rugged housing with high-performance Wi-Fi connectivity to provide a secure and reliable wireless network connection that will not fail in environments with water, dust and vibration.

802.11a/b/g/n/ac access point, US band, -40 to 75°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 USA (20 MHz operating channels)

5.745 to 5.825 GHz (5 channels)

2.412 to 2.462 GHz (11 channels)

5.180 to 5.240 GHz (4 channels)

5.500 to 5.700 GHz (11 channels)

5.260 to 5.240 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- Transmission performance for 802.11a (Dual Chain)

25±1.5 dBm @ 6 Mbps

23±1.5 dBm @ 54 Mbps- Transmit 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- Transmission 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- Transmission power for 802.11b (Dual Chain)

29±1.5 dBm @ 1 Mbps

29±1.5 dBm @ 11 Mbps- Transmission power for 802.11g (Dual Chain)

29±1.5 dBm @ 6 Mbps

26±1.5 dBm @ 54 Mbps- Transmission 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- Receive sensitivity for 802.11a (measured at 5.680 GHz)

Typ. -88 @ 6 Mbps

Typ. -72 @ 54 Mbps- Reception sensitivity for 802.11n (5 GHz; measured at 5.680 GHz)

Type. -88 dBm @ MCS0 20 MHz

Typ. -68 dBm @ MCS7 20 MHz

Typ. -84 dBm @ MCS0 40 MHz

Type. -66 dBm @ MCS7 40 MHz- Reception sensitivity for 802.11ac

Type. -88 dBm @ MCS0 20 MHz

Type. -65 dBm @ MCS8 20 MHz

Type. -85 dBm @ MCS0 40 MHz

Type. -60 dBm @ MCS9 40 MHz

Type. -81 dBm @ MCS0 80 MHz

Type. -55 dBm @ MCS9 80 MHz- Reception sensitivity for 802.11b (measured at 2.437 GHz)

Type. -96 dBm @ 1 Mbps

Type. -88 dBm @ 11 Mbps- Reception sensitivity for 802.11g (measured at 2.437 GHz)

Type. -90 dBm @ 6 Mbps

Type. -74 dBm @ 54 Mbps- Receiver sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz)

Type. -90 dBm @ MCS0 20 MHz

Typ. -70 dBm @ MCS7 20 MHz

Typ. -87 dBm @ MCS0 40 MHz

Typ. -69 dBm @ MCS7 40 MHz- WLAN operating mode

Access Point

Client

Client-Router

Master

Slave

Sniffer- Antenna

External, 2/2 dBi

Omnidirectional- Antenna connections

2 RP-SMA sockets

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) connections (RJ45 connection)

1- PoE connections (10/100/1000BaseT(X), RJ45 connection)

1 Ethernet software features- Management

DHCP server

DHCP client

DNS

HTTP

IPv4

LLDP

SMTP

NMP

v1/v2c/v3

Syslog

TCP/IP

Telnet

UDP

VLAN

NM

config- Routing

Routing

Port forwarding

Static route

NAT- Security

HTTPS/SSL

RADIUS

SSH

Certificate management- Time management

Time management

SNTP client

Firewall- Filter

ICMP

MAC address

IP protocol

Port-based

Wi-Fi ACL

Client isolation

Serial interface- Console port

RS-2328-pin

RJ45

USB interface- USB type A memory port

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 a current carrying capacity of 1 A @ 24 VDC- Reset button

Physical properties- Metal housing- Protection class

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)

Performance 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 connection

1 detachable 10-contact terminal block(s)- Power consumption

28.4 W (max.)

Environmental 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- EMCEN 61000-6-2/-6-4EN 55032/35 - EMI CISPR 32, FCC Part 15B Class A- EMSIEC 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/m- SafetyIEC 60950-1IEC 62368-1UL 62368-1- Hazardous areas

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 cyber securityIEC 62443-4-1IEC 62443-4-2MIBF- Time

653,801 hours- Standards

Telcordia SR332

Specifications

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prices and availability

