

Item no.: 386040

AWK-1151C-UN - Industrial 802.11abgnac wireless client, IP30, universal band

from **432,37 EUR**

Item no.: 386040
shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

Industrial 802.11a/b/g/n/ac wireless client, IP30, universal band, 0 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 UN (20 MHz operating channels): 2.412 to 2.472 GHz (13 channels) 5.180 to 5.240 GHz (4 channels) 5.745 to 5.825 GHz (5 channels)
The available channels change depending on the selected country or region code.
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
Transmission power for 802.11a (Dual Chain): 25±1.5 dBm @ 6 Mbps 23±1.5 dBm @ 54 Mbps
Transmission 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
Reception sensitivity for 802.11a (measured at 5.680 GHz): Typ. -89 @ 6 Mbps Type. -72 @ 54 Mbps
Reception sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Typ. -89 dBm @ MCS0 20 MHz Type. -69 dBm @ MCS7 20 MHz Type. -85 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 @ MCS0 20 MHz Type. -70 dBm @ MCS7 20 MHz Type. -87 dBm @ MCS0 40 MHz Type. -69 dBm @ MCS7 40 MHz
WLAN operating mode: Client; Client-Router; 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 802.3az for energy-efficient Ethernet IEEE 802.1Q for VLAN tagging IEEE 802.1X for authentication 10/100/1000BaseT(X) ports (RJ45 connection): 1
Ethernet software functions
Management: DHCP server; DHCP client; DNS; HTTP; IPv4 LLDP; SMTP; SNMP v1/v2c/v3; Syslog; TCP/IP; Telnet; UDP; VLAN; MX config
Routing: Port forwarding; Static route; NAT
Security: HTTPS/SSL; RADIUS; SSH; certificate management
Time management: SNMP client
Firewall
Filter: ICMP; MAC address; IP protocol; port-based; client; isolation; Wi-Fi ACL
Serial interface
Console port: RS-232; 8-pin RJ45
USB interface
Storage port: USB type A
LED interface
LED indicators: PWR, WLAN, SYSTEM
Input/Output Interface
Buttons: Reset button
Physical properties
Housing: Metal
IP protection class: IP30
Dimensions: 100 x 130 x 22 mm (3.94 x 5.12 x 0.87 in)
Weight: 436 g (0.96 lb)
Installation: DIN rail mounting; wall mounting (with optional kit)
Performance parameters
Input current: 9 to 30 VDC, 1.57 to 0.47 A
Input voltage: 9 to 30 VDC
Power connection: 1 removable 3-contact terminal block(s)
Power consumption: 14 W (max.)
Environmental limits
Operating temperature: -25 to 60°C (-13 to 140°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 61000-6-2/-6-4; EN 55032/35
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: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V/m IEC 61000-4-8 PFMF: 30 A/m
Road vehicles: E-mark E1
Safety: IEC 60950-1; IEC 62368-1; UL 62368-1
Vibration: IEC 60068-2-6
Radio: EN 300 328, EN 301 489-1/17, EN 301 893, ANATEL, FCC, MIC, NCC, RCM, SRR, WPC, KC, NBTC, IC
Industrial cyber security: IEC 62443-4-1; IEC 62443-4-2
MTBF: 1,144,888 hours
Standards: Telcordia SR332

Specifications

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

