

Item no.: 386042

## AWK-1151C-US - Industrial 802.11a/b/g/n/ac wireless client, IP30, US band

from **432,37 EUR**

Item no.: 386042  
shipping weight: 1.00 kg  
Manufacturer: MOXA



### Product Description

Industrial 802.11a/b/g/n/ac wireless client, IP30, US 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 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  
 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  
 Receive sensitivity for 802.11a (measured at 5.680 GHz): Typ. -89 @ 6 Mbps Type. -72 @ 54 Mbps  
 Receive sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Type. -89 dBm @ MCS0 20 MHz Type. -69 dBm @ MCS7 20 MHz Type. -85 dBm @ MCS0 40 MHz Type. -66 dBm @ MCS7 40 MHz  
 Receive 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  
 Receive sensitivity for 802.11b (measured at 2.437 GHz): Type. -96 dBm @ 1 Mbps Type. -88 dBm @ 11 Mbps  
 Receive sensitivity for 802.11g (measured at 2.437 GHz): Type. -90 dBm @ 6 Mbps Type. -74 dBm @ 54 Mbps  
 Receive 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 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; 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; client isolation; Wi-Fi ACL  
 Serial interface- Console connection: RS-232; 8-pin RJ45  
 USB interface- Memory connection: 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)  
 Power 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, SRRRC, WPC, KC, NBTC, IC- Industrial cyber security: IEC 62443-4-1; IEC 62443-4-2 MTBF- Time: 1,144,888 hours- Standards: Telcordia SR332

### Specifications

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

