

Item no.: 386041

## AWK-1151C-UN-T - Industrial 802.11abgnac wireless client, IP30, universal band, -40 to 75C operat

from **503,62 EUR**

Item no.: 386041  
shipping weight: 1.00 kg  
Manufacturer: MOXA



### Product Description

Industrial 802.11a/b/g/n/ac wireless client, IP30, universal 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 UN (20 MHz operating channels): 2.412 to 2.484 GHz (14 channels) 5.180 to 5.240 GHz (4 channels) 5.745 to 5.825 GHz (5 channels)  
 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  
 Transmitter Power for 802.11a (Dual Chain): 25±1.5 dBm @ 6 MHz 22±1.5 dBm @ MCS7 40 MHz 24±1.5 dBm @ MCS0 40 MHz 22±1.5 dBm @ MCS7 40 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. -89 @ 6 Mbps Typ. -72 @ 54 Mbps  
 Receiver Sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Typ. -89 dBm @ MCS0 20 MHz Typ. -69 dBm @ MCS7 20 MHz Typ. -85 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: Client; Client-Router; 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 802.3az for Energy-Efficient Ethernet IEEE 802.1Q for VLAN Tagging IEEE 802.1X for authentication 10/100/1000BaseT(X) Ports (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; 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 Characteristics Housing: Metal IP Rating: 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 Connector: 1 removable 3-contact terminal block(s) Power Consumption: 14 W (max.) Environmental Limits Operating Temperature: -40 to 75°C (-40 to 167°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 55032/35 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, SRRC, WPC, KC, NBTC, IC Industrial Cybersecurity: IEC 62443-4-1; IEC 62443-4-2 MTBF Time: 1,144,888 hrs Standards: Telcordia SR332

### Specifications

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

