

Item no.: 385455

AWK-1137C-EU - 802.11abgn wireless client, EU band, operating temperature 0 to 60 °C

from **394,94 EUR**

Item no.: 385455
shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

802.11a/b/g/n wireless client, EU band, 0 to 60°C operating temperature
WLAN interface- WLAN standards: 802.11a/b/g/n; 802.11i Wireless security- Modulation type: DSSS; OFDM; MIMO-OFDM- Frequency band for EU (20 MHz operating channels):2.412 to 2.472 GHz (13 channels)5.180 to 5.240 GHz (4 channels)5.260 to 5.320 GHz (4 channels) 5.500 to 5.700 GHz (11 channels) - Wireless security:WEP encryption (64-bit and 128-bit)WPA/WPA2-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES)WPA/WPA2-Personal- Transmission rate:802.11b: 1 to 11 Mbps802.11a/g: 6 to 54 Mbps802.11n: 6.5 to 300 Mbps- Transmission power for 802.11a:23±1.5 dBm @ 6 to 24 Mbps21±1.5 dBm @ 36 Mbps20±1.5 dBm @ 48 Mbps18±1.5 dBm @ 54 Mbps- Transmission power for 802.11n (5 GHz):23±1.5 dBm @ MCS0/8 20 MHz18±1.5 dBm @ MCS7/15 20 MHz23±1.5 dBm @ MCS0/8 40 MHz18±1.5 dBm @ MCS7/15 40 MHz- Transmission power for 802.11b:26±1.5 dBm @ 1 Mbps26±1.5 dBm @ 2 Mbps26±1.5 dBm @ 5.5 Mbps25±1.5 dBm @ 11 Mbps- Transmission power for 802.11g:23±1.5 dBm @ 6 to 24 Mbps22±1.5 dBm @ 36 Mbps20±1.5 dBm @ 48 Mbps19±1.5 dBm @ 54 Mbps- Transmission power for 802.11n (2.4 GHz):23±1.5 dBm @ MCS0/8 20 MHz17±1.5 dBm @ MCS7/15 20 MHz23±1.5 dBm @ MCS0/8 40 MHz17±1.5 dBm @ MCS7/15 40 MHz- Receive sensitivity for 802.11a (measured at 5.680 GHz):Typ. -90 @ 6 MbpsTyp. -88 @ 9 MbpsTyp. -87 @ 12 MbpsType. -85 @ 18 MbpsType. -81 @ 24 MbpsType. -78 @ 36 MbpsType. -74 @ 48 MbpsType. -73 @ 54 Mbps- Reception sensitivity for 802.11n (5 GHz; measured at 5.680 GHz):Type. -69 dBm @ MCS7 20 MHzTyp. -70 dBm @ MCS15 20 MHzTyp. -64 dBm @ MCS7 40 MHzType. -66 dBm @ MCS15 40 MHz- Reception sensitivity for 802.11b (measured at 2.437 GHz):Type. -89 dBm @ 1 MbpsType. -89 dBm @ 2 MbpsTyp. -89 dBm @ 5.5 MbpsType. -88 dBm @ 11 Mbps- Reception sensitivity for 802.11g (measured at 2.437 GHz):Type. -88 dBm @ 6 MbpsType. -88 dBm @ 9 MbpsTyp. -88 dBm @ 12 MbpsType. -87 dBm @ 18 MbpsType. -84 dBm @ 24 MbpsType. -81 dBm @ 36 MbpsType. -77 dBm @ 48 MbpsType. -75 dBm @ 54 Mbps- Reception sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz):Type. -70 dBm @ MCS7 20 MHzTyp. -70 dBm @ MCS15 20 MHzTyp. -64 dBm @ MCS7 40 MHzType. -65 dBm @ MCS15 40 MHz- WLAN operating mode: Client, client router, slave, sniffer- Antenna: External, 2/2 dBi, omnidirectional- Antenna connections: 2 RP-SMA socketsEthernet interface- 10/100BaseT(X) ports (RJ45 connection): 2- Standards:IEEE 802.3 for 10BaseTIEEE 802.3u for 100BaseT(X)IEEE 802.1Q for VLAN taggingEthernet software functions- Management: DHCP Server/Client, HTTP, IPv4, LLDP, SMTP, SNMPv1/v2c/v3, Syslog, TCP/IP, Telnet, UDP, Proxy ARP, VLAN, Wireless Search - Utility, MXview, MXview Wireless, MXconfig- Routing: Port forwarding, Static route, NAT- Security: HTTPS/SSL, RADIUS, SSH- Time management: NTP client, SNTP clientFirewall- Filter: ICMP, MAC address, IP protocol, port-basedSerial interface- Connection: DB9 connector- Serial standards: RS-232, RS-422/485, RS-232/422/485- Operating modes: Disabled, Real COM, RFC2217, TCP Client, TCP Server, UDP- Data bits: 5, 6, 7, 8- Stop bits: 1, 1.5, 2- Parity: None, Even, Odd, Space, Mark- Flow control: None, RTS/CTS, XON/XOFF- Baud rate: 75 bps to 921.6 kbps- Serial data memory: 256 KBSerial signals- RS-232: Tx, Rx, D, RTS, CTS, DCD, GND, DTR, DSR- RS-422: Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w: Data+, Data-, GND- RS-485-4w: Tx+, Tx-, Rx+, Rx-, GNDLED interface- LED indicators: SYS, LAN1, LAN2, WLAN, SerialInput/output interface- Buttons: Reset buttonPhysical properties- Housing: metal- IP protection class: IP30- Dimensions: 77.1 x 115.5 x 26 mm (3.04 x 4.55 x 1.02 in.)- Weight: 470 g (1.03 lb)- Mounting: DIN rail mounting, wall mounting (with optional kit)Performance parameters- Input voltage: 9 to 30 VDC- Power connection: 1 removable 3-contact terminal block(s)- Power consumption: 11.7 W (max.)- Reverse polarity protection: Supportsenvironmental limits- Operating temperature: 0 to 60°C (32 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 55032/24- EMI: CISPR 22, 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: 1 kVIEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kVIEC 61000-4-6 CS: 10 VIEC 61000-4-8 PFMF- Radio: EN 300 328, EN 301 489-1/17, EN 301 893, FCC ID SLE-1137C, ANATEL, MIC, NCC, SRR, WPC, KC, RCM- Road vehicles: E-mark E1- Safety: EN 60950-1, UL 60950-1- Vibration: IEC 60068-2-6MTBF-Time: 1,125,942 hours- Standards: Telcordia SR332

Specifications

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