



## LANCOM LN-830E Wireless

Dual-radio enterprise-class 11ac WLAN access point with up to 867 Mbps, Wireless ePaper technology, and iBeacon support in elegant design

The LANCOM LN-830E Wireless is a powerful 11ac WLAN enterprise-class access point. It provides fast WLAN to 11n clients in the 2.4-GHz frequency band and also to the increasing number of modern 11ac-enabled devices in the 5-GHz band. In addition to that, the access point supports the wireless update of radio-controlled, battery-powered ePaper displays and iBeacon technology in an interference-free, parallel operation. Thanks to its puristic and elegant design it is ideal for an inconspicuous application in modern environments.

- Dual concurrent WLAN – parallel operation at 2.4 and 5 GHz with up to 867 Mbps with IEEE 802.11ac
- Integrated radio module for updating LANCOM Wireless ePaper Displays
- Integrated iBeacon technology
- Dynamic WLAN optimization thanks to LANCOM Active Radio Control (ARC)
- Zero-touch deployment with a LANCOM WLAN controller or the LANCOM Management Cloud
- Easy and secure integration of external users with the Public Spot Option
- Elegant LANCOM design with integrated antennas

# LANCOM LN-830E Wireless

## Dual concurrent WLAN with up to 867 Mbps

The LANCOM LN-830E Wireless offers one wireless radio module for 11ac WLAN and another for 11n WLAN. This provides fast WLAN to 11n clients in the 2.4-GHz frequency band and also the increasing number of modern 11ac-enabled devices in the 5-GHz band.

## Update of LANCOM Wireless ePaper Displays

Besides providing two WLAN radio modules, the LANCOM LN-830E Wireless also offers one radio module for the update of LANCOM Wireless ePaper Displays. Thanks to the intelligent combination of different radio technologies in one access point, the interference-free and parallel operation is guaranteed.

## Integrated iBeacon technology

The iBeacon, integrated in the LANCOM LN-830E Wireless, continuously sends signals via the radio standard Bluetooth Low Energy (version 4.0). It is extremely well-suited for near-field communication and has the advantage that its power consumption is significantly lower compared to classic Bluetooth - an innovative method for various push marketing actions.

## Active Radio Control for dynamic radio-field optimization

The LANCOM LN-830E Wireless supports the WLAN optimization concept LANCOM Active Radio Control. This intelligent combination of innovative features included with the LCOS operating system – such as Band Steering, Adaptive Noise Immunity, Adaptive RF Optimization, Airtime Fairness and Client Steering – sustainably increases WLAN performance and supports administrators with professional tools for WLAN management.

## Zero-touch deployment

By supporting zero-touch deployment, the LANCOM LN-830E Wireless is quickly and easily integrated and configured without having to access the configuration UI. In combination with a WLAN controller or the LANCOM Management Cloud the access point receives an appropriate configuration immediately after network authentication.

## Secure integration of external users

In combination with the LANCOM Public Spot Option, the LANCOM LN-830E Wireless is ideal for operating hotspots. Users benefit from a hotspot that is secure and easy-to-use, while hotspot operators can be sure that their own network remains separate from the hotspot.

## Elegant LANCOM design

The white LANCOM LN-830E Wireless with integrated antennas stands out with its puristic elegance. Thanks to the modern design it is ideal for an inconspicuous application in environments of every industry sector and seamlessly fits into every environment.

## Maximum future viability

LANCOM products are designed for a service life of several years and are equipped with hardware dimensioned for the future. Even reaching back to older product generations, updates to the LANCOM Operating System – LCOS – are available several times a year, free of charge and offering major features.

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| WLAN product specifications                  |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency band 2.4 GHz and 5 GHz             | 2400-2483.5 MHz (ISM) and 5150-5700 MHz (depending on country-specific restrictions)                                                                                                                                                                                                                                               |
| Data rates IEEE 802.11ac/n                   | 867 Mbps according to IEEE 802.11ac with MCS9 (fallback to 6,5 Mbps with MCS0). Compatible to IEEE 802.11ac/n/a, IEEE 802.11ac/n, IEEE 802.11n/a compatibility mode or pure IEEE 802.11ac, pure IEEE 802.11n, pure IEEE 802.11a mode and data rates selectable                                                                     |
| Data rates IEEE 802.11n                      | 300 Mbps according to IEEE 802.11n with MCS15 (fallback to 6,5 Mbps with MCS0). Compatible to IEEE 802.11a/n, IEEE 802.11g/n, IEEE 802.11b/g/n or IEEE 802.11b/g compatibility mode or pure IEEE 802.11n, pure IEEE 802.11a, IEEE 802.11g or pure IEEE 802.11b mode and data rates selectable                                      |
| Data rates IEEE 802.11a/ h                   | 54 Mbps (fallback to 48, 36, 24, 18, 12, 9, 6 Mbps, Automatic Rate Selection), fully compatible with TPC (adjustable power output) and DFS (automatic channel selection, radar detection) and data rates selectable                                                                                                                |
| Data rates IEEE 802.11b/g                    | 54 Mbps to IEEE 802.11g (fallback to 48, 36, 24, 18, 12, 9, 6 Mbps, Automatic Rate Selection) compatible to IEEE 802.11b (11, 5.5, 2, 1 Mbps, Automatic Rate Selection), IEEE 802.11b/g compatibility mode or pure IEEE 802.11g or pure IEEE 802.11b and data rates selectable                                                     |
| Range IEEE 802.11a/b/g *                     | Up to 150 m (up to 30 m in buildings)                                                                                                                                                                                                                                                                                              |
| Output power at radio module WLAN-1, 5 GHz   | IEEE 802.11a/h: +17 up to +18 dBm @ 6 up to 48 Mbps, +13 up to +15 dBm @ 54 Mbps, IEEE 802.11n: +17 up to +18 dBm @ (MCS0/8/16, 20 MHz), +11 up to +13 dBm @ (MCS7/15/23, 20 MHz), +16 up to +17 dBm @ (MCS0/8/16, 40 MHz), +9 up to +12 dBm @ (MCS7/15/23, 40 MHz)                                                                |
| Output power at radio module WLAN-2, 5 GHz   | IEEE 802.11a/h: +18 dBm @ 6 up to 48 MBit/s and +16 dBm @ 54 MBit/s IEEE 802.11ac: +16 up to +18 dBm @ (MCS0-7, 20/40/80 MHz), +14 dBm @ (MCS8, 20/40/80 MHz), +14 dBm @ (MCS9, 40/80 MHz)                                                                                                                                         |
| Output power at radio module WLAN-1, 2.4 GHz | IEEE 802.11b: +22 dBm @ 1 and 2 Mbps, +22 dBm @ 5,5 and 11 Mbps, IEEE 802.11g: +22 dBm @ 6 up to 36 Mbps, +20 dBm @ 48 Mbps, +18 dBm @ 54 Mbps, IEEE 802.11n: +22 dBm @ (MCS0/8/16, 20 MHz), +16 dBm @ (MCS7/15/23, 20 MHz), +21 dBm @ (MCS0/8/16, 40 MHz), +15 dBm @ (MCS7/15/23, 40 MHz)                                         |
| Minimum transmission power                   | Transmission power reduction in software in 1 dB steps to min. 0.5 dBm                                                                                                                                                                                                                                                             |
| Receiver sensitivity WLAN-1, 5 GHz           | IEEE 802.11a/h: -98 dBm @ 6 Mbps, -81 dBm @ 54 Mbps, IEEE 802.11n: -94 dBm @ (MCS0, 20 MHz), -76 dBm @ (MCS 7, 20 MHz), -92 dBm @ (MCS0, 40 MHz), -72 dBm @ (MCS7, 40 MHz)                                                                                                                                                         |
| Receiver sensitivity WLAN-2, 5 GHz           | IEEE 802.11a/h: -95 dBm @ 6 MBit/s, -76 dBm @ 54MBit/s, IEEE 802.11ac: -94 dBm @ MCS0 20 MHz, -76 dBm @ MCS7 20 MHz, -72 dBm @ MCS8 20 MHz, -92 dBm @ MCS0 40 MHz, -76 dBm @ MCS7 40 MHz, -71 dBm @ MCS8 40 MHz, -70 dBm @ MCS9 40 MHz, -90 dBm @ MCS0 80 MHz, -72 dBm @ MCS7 80 MHz, -68 dBm @ MCS8 80 MHz, -67 dBm @ MCS9 80 MHz |
| Receiver sensitivity WLAN-1, 2.4 GHz         | IEEE 802.11b: -97 dBm @ 1 MBit/s, -93 dBm @ 11 MBit/s, IEEE 802.11g: -95dBm @ 6 MBit/s, -81dBm @ 54 MBit/s IEEE 802.11n: -94 dBm @ 6,5MBit/s (MCS0, 20 MHz), -77 dBm @ 65 MBit/s (MCS7, 20 MHz), -91 dBm @ 15 MBit/s (MCS0, 40 MHz), -74 dBm @ 150 MBit/s (MCS7, 40 MHz)                                                           |
| Radio channels 5 GHz                         | Up to 26 non-overlapping channels (available channels and further obligations such as automatic DFS dynamic channel selection depending on national regulations)                                                                                                                                                                   |
| Radio channels 2.4 GHz                       | Up to 13 channels, max. 3 non-overlapping (depending on country-specific restrictions)                                                                                                                                                                                                                                             |
| Multi-SSID                                   | Up to 31 (Simultaneous use of up to 16 independent WLAN networks at WLAN interface 1 and up to 15 independent WLAN networks at WLAN interface 2.                                                                                                                                                                                   |
| Concurrent WLAN clients                      | Up to 200 clients (recommended), 512 clients (max.)**                                                                                                                                                                                                                                                                              |
| Others                                       | Wireless Quality Indicators (WQI)                                                                                                                                                                                                                                                                                                  |
| *) Note                                      | The effective distances and transmission rates that can be achieved are depending of the onsite RF conditions                                                                                                                                                                                                                      |
| Supported WLAN standards                     |                                                                                                                                                                                                                                                                                                                                    |
| IEEE standards                               | IEEE 802.11ac, IEEE 802.11n, IEEE 802.11a, IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.1X, IEEE 802.11u, IEEE 802.11r (Fast Roaming), IEEE 802.11w (Protected Management Frames), WME and U-APSD/WMM Power Save as defined in IEEE 802.11e, IEEE 802.11h, IEEE 802.11d                                                      |
| Standard IEEE 802.11ac                       |                                                                                                                                                                                                                                                                                                                                    |
| Supported features                           | 2x2 MIMO, 80 MHz channels, QAM-256                                                                                                                                                                                                                                                                                                 |
| Standard IEEE 802.11n                        |                                                                                                                                                                                                                                                                                                                                    |
| Supported features                           | 2x2 MIMO, 40-MHz channel, 20/40MHz coexistence mechanisms in the 2.4 GHz band, MAC aggregation, Block Acknowledgement, STBC (Space Time Block Coding), LDPC (Low Density Parity Check), MRC (Maximal Ratio Combining), Short Guard Interval                                                                                        |

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| WLAN operating modes                       |                                                                                                                                                                                                                                                          |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Modes                                      | WLAN access point (standalone, WLC or Lightweight Controller architecture managed), WLAN bridge (P2P or P2MP) (standalone or AutoWDS*), (standalone, WLC or Lightweight Controller architecture managed), WLAN client mode, transparent WLAN client mode |
| Security                                   |                                                                                                                                                                                                                                                          |
| Encryption options                         | IEEE 802.1X (WPA2-Enterprise), IEEE 802.11i (WPA2-Personal), Wi-Fi Certified™ WPA2™, WPA, WEP, IEEE 802.11w (Protected Management Frames), LEPS (LANCOM Enhanced Passphrase Security)                                                                    |
| Encryption                                 | AES:CCMP (Advanced Encryption Standard with Counter Mode and Cipher Block Chaining Message Authentication Code Protocol), TKIP (Temporal Key Integrity Protocol), RC4 (only used by WEP)                                                                 |
| EAP types (authenticator)                  | EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-AKA Prime, EAP-FAST                                                                                                                                               |
| RADIUS/EAP-server                          | User administration MAC-based, rate limiting, passphrases, VLAN user based, authentication of IEEE 802.1X clients via EAP-TLS, EAP-TTLS, EAP-MD5, EAP-GTC, PEAP, MSCHAP or MSCHAPv2                                                                      |
| Others                                     | WLAN protocol filters, IP-redirection of any packet received over the WLAN interface, IEEE 802.1X supplicant, background scanning, client detection ("rogue WLAN client detection"), Wireless Intrusion Detection System (WIDS)                          |
| LANCOM Active Radio Control                |                                                                                                                                                                                                                                                          |
| Client Steering*                           | Steering of WLAN clients to the ideal access point                                                                                                                                                                                                       |
| Band Steering                              | Steering of 5GHz clients to the corresponding high-performance frequency band                                                                                                                                                                            |
| Managed RF Optimization*                   | Selection of optimal WLAN channels by the administrator                                                                                                                                                                                                  |
| Adaptive Noise Immunity                    | Better WLAN throughput due to immunity against interferences                                                                                                                                                                                             |
| Spectral Scan                              | Monitoring your WLAN for sources of interference                                                                                                                                                                                                         |
| Adaptive RF Optimization                   | Dynamic selection of the optimal WLAN channel                                                                                                                                                                                                            |
| Airtime Fairness                           | Improved utilization of the WLAN bandwidth                                                                                                                                                                                                               |
| *) Note                                    | Only in installations with WLAN controller                                                                                                                                                                                                               |
| Roaming                                    |                                                                                                                                                                                                                                                          |
| Roaming                                    | IAPP (Inter Access Point Protocol), IEEE 802.11r (Fast Roaming), OKC (Opportunistic Key Caching), Fast Client Roaming (only in operating mode client modus)                                                                                              |
| Wireless ePaper Displays                   |                                                                                                                                                                                                                                                          |
| Support of LANCOM Wireless ePaper Displays | The device is equipped with a radio module for the update of LANCOM Wireless ePaper Displays in the 2.4 GHz frequency band.                                                                                                                              |
| iBeacon                                    |                                                                                                                                                                                                                                                          |
| Support of iBeacon technology              | The device is equipped with a BLE radio module and can thus transmit a configurable iBeacon. The UUID as well as the major and minor ID are configurable. On top of that, all three radiated powers are supported (near, immediate, far).                |
| Layer 2 features                           |                                                                                                                                                                                                                                                          |
| VLAN                                       | 4.096 IDs based on IEEE 802.1q, dynamic assignment, Q-in-Q tagging                                                                                                                                                                                       |
| Quality of Service                         | WME based on IEEE 802.11e, Wi-Fi Certified™ WMM®                                                                                                                                                                                                         |
| Rate limiting                              | SSID based, WLAN client based                                                                                                                                                                                                                            |
| Multicast                                  | IGMP-Snooping                                                                                                                                                                                                                                            |
| Protocols                                  | Ethernet over GRE-Tunnel (EoGRE), ARP-Lookup, LLDP, DHCP option 82, IPv6-Router-Advertisement-Snooping, DHCPv6-Snooping, LDRA (Lightweight DHCPv6 Relay Agent), Spanning Tree, Rapid Spanning Tree, ARP, Proxy ARP, BOOTP, DHCP                          |
| Layer 3 features                           |                                                                                                                                                                                                                                                          |
| Firewall                                   | Stateful inspection firewall including packet filtering, extended port forwarding, N:N IP address mapping, packet tagging, user-defined rules and notifications                                                                                          |
| Quality of Service                         | Traffic shaping, bandwidth reservation, DiffServ/TOS, packet size control, layer-2-in-layer-3 tagging                                                                                                                                                    |
| Security                                   | Intrusion Prevention, IP spoofing, access control lists, Denial of Service protection, detailed settings for handling reassembly, session-recovery, PING, stealth mode and AUTH port, URL blocker, password protection, programmable reset button        |
| PPP authentication mechanisms              | PAP, CHAP, MS-CHAP, and MS-CHAPv2                                                                                                                                                                                                                        |

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| Layer 3 features                   |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High availability / redundancy     | VRRP (Virtual Router Redundancy Protocol), analog/GSM modem backup                                                                                                                                                                                                                                                                                                                                              |
| Router                             | IPv4-, IPv6-, NetBIOS/IP multiprotokoll router, IPv4/IPv6 dual stack                                                                                                                                                                                                                                                                                                                                            |
| Router virtualization              | ARF (Advanced Routing and Forwarding) up to separate processing of 16 contexts                                                                                                                                                                                                                                                                                                                                  |
| IPv4 services                      | HTTP and HTTPS server for configuration by web interface, DNS client, DNS server, DNS relay, DNS proxy, dynamic DNS client, DHCP client, DHCP relay and DHCP server including autodetection, NetBIOS/IP proxy, NTP client, SNTP server, policy-based routing                                                                                                                                                    |
| IPv6 services                      | DHCPv6 client, DHCPv6 server, DHCPv6 relay                                                                                                                                                                                                                                                                                                                                                                      |
| IPv6 compatible LCOS applications  | WEBconfig, HTTP, HTTPS, SSH, Telnet, DNS, TFTP, firewall, RAS dial-in                                                                                                                                                                                                                                                                                                                                           |
| Dynamic routing protocol           | RIPv2                                                                                                                                                                                                                                                                                                                                                                                                           |
| IPv4 protocols                     | DNS, HTTP, HTTPS, ICMP, NTP/SNTP, NetBIOS, PPPoE (server), RADIUS, RADSEC (secure RADIUS), RTP, SNMP, TFTP, TACACS+                                                                                                                                                                                                                                                                                             |
| IPv6 protocols                     | NDP, stateless address autoconfiguration (SLAAC), stateful address autoconfiguration (DHCPv6), router advertisements, ICMPv6, DHCPv6, DNS, HTTP, HTTPS, PPPoE, RADIUS, SMTP                                                                                                                                                                                                                                     |
| WAN operating mode                 | VDSL, ADSL1, ADSL2 or ADSL2+ additional with external DSL modem at an ETH port                                                                                                                                                                                                                                                                                                                                  |
| WAN protocols                      | PPPoE, Multi-PPPoE, ML-PPP, GRE, EoGRE, PPTP (PAC or PNS), L2TPv2 (LAC or LNS) and IPoE (using DHCP or no DHCP), RIP-1, RIP-2, VLAN, IPv6 over PPP (IPv6 and IPv4/IPv6 dual stack session), IP(v6)oE (autokonfiguration, DHCPv6 or static)                                                                                                                                                                      |
| Tunneling protocols (IPv4/IPv6)    | 6to4, 6in4, 6rd (static and over DHCP), Dual Stack Lite (IPv4-in-IPv6-Tunnel)                                                                                                                                                                                                                                                                                                                                   |
| Interfaces                         |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ethernet ports                     | 2 x 10/100/1000BASE-T autosensing (RJ-45), PoE (Power over Ethernet) at ETH1                                                                                                                                                                                                                                                                                                                                    |
| Serial interface                   | Serial configuration interface / COM port (8 pin Mini-DIN): 9,600 - 115,000 baud, suitable for optional connection of analog/GPRS modems. Supports internal COM port server and allows for transparent asynchronous transmission of serial data via TCP                                                                                                                                                         |
| Internal antennas per radio module | Two internal antennas can be used to control Wireless ePaper Displays and iBeacon as well as two internal antennas for each WLAN Radio module.                                                                                                                                                                                                                                                                  |
| Hardware                           |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power supply                       | 12 V DC, external power adapter (230 V) with bayonet cap. PoE (Power over Ethernet), compliant with IEEE 802.3af                                                                                                                                                                                                                                                                                                |
| Environment                        | Temperature range 0° to +40°C for wall mounting (vertical mounting position) and 0° to 35°C for ceiling mounting (horizontal mounting position) ; humidity up to 95%; non-condensing                                                                                                                                                                                                                            |
| Power consumption (max)            | Approx. 11 Watts with 12 V/ 1,5 A power supply adapter (total power consumption of access point and power supply adapter), approx. 12 Watts via PoE                                                                                                                                                                                                                                                             |
| Housing                            | Robust synthetic housing, rear connectors, ready for wall mounting, Kensington lock; 205 x 42 x 205 mm (W x H x D)                                                                                                                                                                                                                                                                                              |
| Management and monitoring          |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Management                         | LANconfig, WEBconfig, WLAN controller, LANCOM Layer 2 management (emergency management)                                                                                                                                                                                                                                                                                                                         |
| Management functions               | Alternative boot configuration, voluntary automatic updates for LCMS and LCOS, individual access and function rights up to 16 administrators, RADIUS and RADSEC user management, remote access (WAN or (W)LAN, access rights (read/write) adjustable separately), SSL, SSH, HTTPS, Telnet, TFTP, SNMP, HTTP, access rights via TACACS+, scripting, timed control of all parameters and actions through cron job |
| FirmSafe                           | Two stored firmware versions, incl. test mode for firmware updates                                                                                                                                                                                                                                                                                                                                              |
| Monitoring                         | LANmonitor, WLANmonitor, LSM (LANCOM Large Scale Monitor)                                                                                                                                                                                                                                                                                                                                                       |
| Monitoring functions               | Device SYSLOG, SNMPv2c, extensive LOG and TRACE options, PING and TRACEROUTE for checking connections, internal logging buffer for firewall events                                                                                                                                                                                                                                                              |
| Monitoring statistics              | Extensive Ethernet, IP and DNS statistics; SYSLOG error counter, accounting information exportable via LANmonitor and SYSLOG                                                                                                                                                                                                                                                                                    |
| Declarations of conformity*        |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CE                                 | EN 60950-1, EN 301 489-1, EN 301 489-17                                                                                                                                                                                                                                                                                                                                                                         |
| 5 GHz WLAN                         | EN 301 893                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.4 GHz WLAN                       | EN 300 328                                                                                                                                                                                                                                                                                                                                                                                                      |

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| Declarations of conformity*       |                                                                                                                                                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IPv6                              | IPv6 Ready Gold                                                                                                                                                                                                                                                                 |
| *) Note                           | You will find all declarations of conformity in the products section of our website at <a href="http://www.lancom-systems.eu">www.lancom-systems.eu</a>                                                                                                                         |
| Scope of delivery                 |                                                                                                                                                                                                                                                                                 |
| Manual                            | Installation Guide (DE/EN/FR/ES/IT/PT/NL)                                                                                                                                                                                                                                       |
| Cable                             | 1 Ethernet cable, 3 m                                                                                                                                                                                                                                                           |
| Power supply unit                 | External power adapter (230 V), NEST 12 V/1.5 A DC/S, coaxial power connector 2.1/5.5 mm bayonet, temperature range from -5 to +45° C, LANCOM item no. 111140 (EU) (not included in bulk delivery)                                                                              |
| Support                           |                                                                                                                                                                                                                                                                                 |
| Warranty                          | 3 years support via hotline and Internet KnowledgeBase                                                                                                                                                                                                                          |
| Software updates                  | Regular free updates (LCOS operating system and LANCOM Management System) via Internet                                                                                                                                                                                          |
| Options                           |                                                                                                                                                                                                                                                                                 |
| LANCOM Warranty Basic Option S    | Option to extend the manufacturer's warranty from 3 to 5 years, item no. 10710                                                                                                                                                                                                  |
| LANCOM Warranty Advanced Option S | Option to extend the manufacturer's warranty from 3 to 5 years and replacement of a defective device on the next working day, item no. 10715                                                                                                                                    |
| LANCOM Public Spot                | Hotspot option for LANCOM access points and the LANCOM 17xx series for user authentication (up to 64), versatile access (via voucher, e-mail, SMS), including a comfortable setup wizard, secure separation of guest access and internal network, item no. 60642                |
| Accessories                       |                                                                                                                                                                                                                                                                                 |
| LANCOM Wireless ePaper Displays   | 2.7" LANCOM Wireless ePaper Display, item no. 62213 (bulk 5), 4.4" LANCOM Wireless ePaper Display, item no. 62211 and item no. 62214 (bulk 5), 7.4" LANCOM Wireless ePaper Display, item no. 62212 and item no. 62215 (bulk 5)                                                  |
| LANCOM WLAN controllers           | LANCOM WLC-4006+, item no. 62035 (EU), item no. 62036 (UK) and item no. 62037 (US), LANCOM WLC-4025+, item no. 61378, item no. 61379 and item no. 61384 (US), LANCOM WLC-4100, item no. 61369 (EU) and item no. 61377 (UK), LANCOM WLC Basic Option for Routers, item no. 61639 |
| LANCOM Wall Mount LN              | Robust mounting plate for simple, theft-proof mounting of LANCOM devices with LN housing, Item no. 61342                                                                                                                                                                        |
| LANCOM Serial Adapter Kit         | For the connection of V.24 modems with AT command set and serial interface for the connection to the LANCOM COM interface, incl. serial cable and connection plug, item no. 61500                                                                                               |
| Power over Ethernet Injector      | 1-port PoE injector with Gigabit support, integrated power supply, compatible with the standard IEEE 802.3af/at, item no. 61738 (EU) and 61739 (UK)                                                                                                                             |

# LANCOM LN-830E Wireless

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## Item number(s)

LANCOM LN-830E Wireless (EU/UK)

61747 (EU), 61748 (UK)

