	WLB200-I2(R2)	WLB200-I3(R2)	WLB200-WH2	WLB200-WL2	WLB200-IT3
Hardware Specification					
Application	Indoor	Indoor	Indoor	Indoor	Outdoor
Dimensions (W x D x H)	247mm×153mm×30mm	247mm×153mm×30mm	150mm×86mm×27mm	86mmx86mmx22mm	214mm×214mm×67.5mm
Service port	uplink: 1x 10/100/1000Base-T RJ45	uplink: 1x 10/100/1000Base-T RJ45 Downlink: 1x 10/100/1000Base-T RJ45	uplink: 1x 10/100/1000Base-T RJ45 Downlink: 4x 10/100/1000Base-T RJ45 Passthrough - 1x RJ45	uplink: 1x 10/100Base-TX RJ45 Downlink: 2x 10/100Base-TX RJ45	uplink: 1x 10/100/1000Base-T RJ45 Downlink: 1x 10/100/1000Base-T RJ45 1x 100/1000Base-X SFP
Management port	-	1x RJ45 (RS-232)	-	-	-
USB port	1x USB 2.0	1x USB 2.0	1x USB 2.0	-	-
Bluetooth	-	-	-	-	1x Bluetooth 2.0
Installation type	Desktop, Ceiling, T-keel, Wall mounting	Desktop, Ceiling, T-keel, Wall mounting	Standard X86 in-wall mounting	Standard X86 in-wall mounting	Column hanging / Wall hanging
PoE	IEEE 802.3af / IEEE 802.3at	IEEE 802.3af / IEEE 802.3at	IEEE 802.3af / IEEE 802.3at	IEEE 802.3af	IEEE 802.3at
Optional Power Adapter	Input.: 100~240V AC , Output.: 12 V DC	Input.: 100~240V AC , Output.: 12 V DC	Input.: 100~240V AC , Output.: 48V DC	-	-
Power consumption	≤ 15W	≤ 18W	≤ 12W	≤ 6W	≤ 23.4W
Transmit power	2.4GHz : 24dBm (Per Chain) 5GHz : 20dBm (Per Chain)	2.4GHz : 24dBm (Per Chain) 5GHz : 20dBm (Per Chain)	2.4GHz: 20dBm 5GHz: 20dBm	17dBm(Per Chain)	2.4GHz: 24dBm (Per Chain) 5GHz: 24dBm (Per Chain)
Power adjustment granularity	1dBm	1dBm	1dBm	1dBm	1dBm
RF port	Built-in: 2.4GHz – 4dBi 5 GHz - 5dBi	Built-in: 2.4GHz – 4dBi 5 GHz - 5dBi	Built-in: 3dBi	Built-in: 5dBi	Built-in: 2.4GHz – 5dBi 5 GHz - 5dBi
Working frequency band	802.11a/n : from 5.150 GHz to 5.850 GHz 802.11b/g/n : from 2.4 GHz to 2.483 GHz 802.11ac : from 5.150GHz to 5.250GHz from 5.250GHz to 5.350GHz from 5.725GHz to 5.850GHz	802.11a/n : from 5.150 GHz to 5.850 GHz 802.11b/g/n : from 2.4 GHz to 2.483 GHz 802.11ac: from 5.150GHz to 5.250GHz from 5.250GHz to 5.350GHz From 5.725GHz to 5.850GHz	802.11a/n : from 5.150 GHz to 5.850 GHz 802.11b/g/n : from 2.4 GHz to 2.483 GHz 802.11ac: from 5.150GHz to 5.250GHz from 5.250GHz to 5.350GHz from 5.725GHz to 5.850GHz	802.11a/n : from 5.150 GHz to 5.850 GHz 802.11b/g/n : from 2.4 GHz to 2.483 GHz 802.11ac: from 5.150GHz to 5.250GHz from 5.250GHz to 5.350GHz from 5.725GHz to 5.850GHz	802.11b/g/n : from 2.4 GHz to 2.483 GHz 802.11ac/n/a : from 5.725GHz to 5.850GHz from 5.150GHz to 5.350GHz
Modulation technology	802.11b: BPSK,QPSK,CCK 802.11a/g/n: BPSK,QPSK,16-QAM,64-QAM 802.11ac: BPSK, QPSK,16-QAM, 64-QAM,256-QAM	802.11b: BPSK,QPSK,CCK 802.11a/g/n: BPSK,QPSK,16-QAM,64-QAM 802.11ac: BPSK, QPSK,16-QAM,64-QAM, 256-QAM	802.11b: BPSK, QPSK, CCK 802.11a/g/n:BPSK, QPSK, 16-QAM, 64-QAM 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM	OFDM:BPSK@6/9Mbps, QPSK@12/18Mbps, 16-QAM@24Mbps, 64-QAM@48/54Mbps DSSS: DBPSK@1Mbps, DQPSK@2Mbps, CCK@5.5/11Mbps MIMO-OFDM: MCS 0-15	OFDM : BPSK@6/9Mbp, QPSK@12/18Mbps, 16-QAM@24Mbps, 64-QAM@48/54Mbps DSSS : DBPSK@1Mbps DQPSK@2Mbps CCK@5.5/11Mbps MIMO-OFDM (11n): MCS 0-15 MIMO-OFDM (11ac): MCS 0-9
Working temperature	0°C +50°C	0°C +50°C	5°C +50°C	5°C +50°C	-40°C +65°C
Working/Storage humidity	10% - 90% (non-condensing)	10% - 90% (non-condensing)	10% - 90% (non-condensing)	10% - 90% (non-condensing)	10% - 90% (non-condensing)
Protection level	IP41	IP41	IP31	IP31	IP68
WLAN					
Working mode	dual-frequency	tri-frequency	dual-frequency	dual-frequency	dual-frequency
Working frequency band	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Virtual AP (BSSID)	32	48	32	32	32
Number of spatial streams	2.4GHz: 2 5GHz: 2	2.4GHz : 2 5GHz : 4 2.4GHz 5GHz: 2	2.4GHz : 3 5GHz : 2	2.4GHz : 2 5GHz : 1	2.4GHz : 2 5GHz : 2
Dynamic channel adjustment (DCA)	√	√	√	√	√
Transmit power control (TPC)	√	√	√	√	√
Blind area detection and repair	√	√	√	√	√
SSID hiding	√	√	√	√	√
RTS/CTS	√	√	√	√	√
RF environment scanning	√	√	√	√	√
Hybrid access	√	√	√	√	√
Restriction on the number of access users	√	√	√	√	√
Link integrity check	√	√	√	√	√
Prohibiting the access of terminals with weak signals	√	√	√	√	√
Forced roaming of terminals with weak signals	√	√	√	√	√
Intelligent control of terminals based on Airtime Fairness	√	√	√	√	√
High-density application optimization	√	√	√	√	√
Security					
Encryption	64/128 WEP, TKIP, CCMP	64/128 WEP, TKIP, CCMP	64/128 WEP, TKIP, CCMP	64/128 WEP, TKIP, CCMP	64/128 WEP, TKIP, CCMP
IEEE 802.11i	√	√	√	√	√
WAPI	√	√	√	√	√
MAC address authentication	√	√	√	√	√
LDAP authentication	√	√	√	√	√
PEAP authentication	√	√	√	√	√
WIDS/WIPS	√	√	√	√	√
Real-time spectrum protection	√	√	√	√	√
Protection against DoS attacks	√	√	√	√	√
Forwarding security	Frame filtering, white list, static blacklist, and dynamic blacklist	Frame filtering, white list, static blacklist, and dynamic blacklist	Frame filtering, white list, static blacklist, and dynamic blacklist	Frame filtering, white list, static blacklist, and dynamic blacklist	Frame filtering, white list, static blacklist, and dynamic blacklist
User isolation	√	√	√	√	√
Periodic SSID enabling and disabling	√	√	√	√	√
Access control of free resources	√	√	√	√	√
Secure admission control of wireless terminals	√	√	√	√	√
Wireless SAVI	√	√	√	√	√
ACL	√	√	√	√	√
Secure access control of APs	√	√	√	√	√
Qos					
WMM	√	√	√	√	√
Priority mapping	√	√	√	√	√
QoS policy mapping	√	√	√	√	√
L2-L4 packet filtering and flow classification	MAC, IPv4, and IPv6 packets	MAC, IPv4, and IPv6 packets	MAC, IPv4, and IPv6 packets	MAC, IPv4, and IPv6 packets	MAC, IPv4, and IPv6 packets
Load balancing	√	√	√	√	√
Bandwidth limit	√	√	√	√	√
Call admission control (CAC)	CAC based on the number of users	CAC based on the number of users	CAC based on the number of users	CAC based on the number of users	CAC based on the number of users
Power saving mode	√	√	√	√	√
Automatic emergency mechanism of APs	√	√	√	√	√
Intelligent identification of terminals	√	√	√	√	√
Multicast enhancement	Multicast to unicast	Multicast to unicast	Multicast to unicast	Multicast to unicast	Multicast to unicast
Management					
Network management	Centralized management through an AC; both „fit" and „fat" modes	Centralized management through an AC; both „fit" and „fat" modes	Centralized management through an AC; both „fit" and „fat" modes	Centralized management through an AC; both „fit" and „fat" modes	Centralized management through an AC; both „fit" and „fat" modes
Maintenance mode	Both local and remote maintenance	Both local and remote maintenance	Both local and remote maintenance	Both local and remote maintenance	Both local and remote maintenance
Log function	√	√	√	√	√
Alarm	√	√	√	√	√
Fault detection	√	√	√	√	√
Statistics	√	√	√	√	√
Remote probe analysis	√	√	√	√	√
Dual-image (dual-OS)	√	√	√	√	√
Watchdog	√	√	√	√	√

update date: 26-07-2019