AirLive®

AC-1200R
1200Mbps 11ac Wide Coverage AP Router

- 1200Mbps Concurrent Dual Band
- 100% Greater Coverage
- 5 Gigabit LAN Ports
- 64 Concurrent Users
- Support Guest Mode
- Detachable Antennas
- 5 Operation Modes
- Central Management
- Bandwidth Control
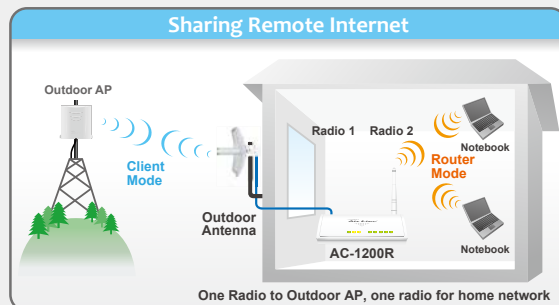- Each Radio Operate Independently

AirLive Central Wireless

Free Central management software

Discover and configure multiple wireless access points in an easy to use to Windows based software.

AirLive Central Wireless

AP1
AP2
AP3
AP4
AP5

Independent Radio Operation

The AC-1200R inherited the capability of our popular G.DUO and A.DUO access points. Each radio can operate in different modes for up to 5 different wireless modes. You can configure the AC-1200R to suit different operation environment.

Mode	Radio1 5G	Radio2 2.4G	Applications
Dual Band Router	AP Router	AP Router	Dual Home Networks: 5GHz for Games/AV and 2.4GHz for PC, Mobile
Dual AP Mode	Access Point	Access Point	Dual Band Hotspots
WISP + AP	Client Mode	AP Router	Sharing WISP 5GHz Broadband Wirelessly
WDS + AP	WDS Mode	Access Point	WDS Wireless Repeater
Client + AP	Client Mode	Access Point	Universal Repeater

Ports

Antenna   Power   WAN   LAN   Reset WPS   Antenna

12V DC
WAN LAN4 LAN3 LAN2 LAN1 Reset/WPS Ant.

Detachable Antennas

5 operations with detachable antennas allow the AC-1200R to use in various indoor + outdoor applications. Such as sharing a remote internet connection signal from outside.

Sharing Remote Internet

Outdoor AP
Client Mode
Outdoor Antenna
AC-1200R
Radio 1   Radio 2
Router Mode
Notebook
Notebook

One Radio to Outdoor AP, one radio for home network
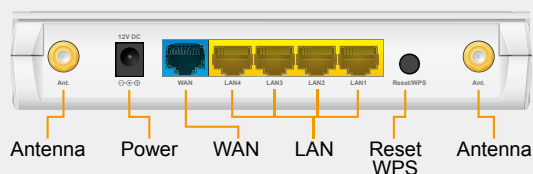
100% Greater Coverage

Hi-Power radios and MIMO antennas enable the AC-1200R to provide up to 2 times the coverage comparing to normal wireless routers. That means faster speed at further distance.

AC-1200R Wide Coverage
Normal Wireless Router
1X
2X

Specifications

Chipset

- MEDIATEK MT7620A (CPU) + MT7530W (Switch)
- 8MB Flash
- 64MB RAM

LAN Port

- 4 x 10/100/1000Mbps LAN
- 1 x 10/100/1000Mbps WAN

Antenna

- 2 X 2.4G/5G dual Band R-SMA Antenna

Frequency Range

- 2.4G : 2.4000~2.4835GHz (Industrial Scientific Medical Band)
- 5G : 5180 ~5240GHz for ETSI, FCC
  5745 ~ 5825GHz for FCC

Data Rate

- 11n (40MHz): MCS0-7, up to 300Mbps
- 11n (20MHz): MCS0-7, up to 144Mbps
- 11g: 6, 9, 12, 24, 36, 48,54Mbps
- 11b: 1, 2, 5.5, 11Mbps
- 11ac(80Mhz): MSC0-9 , up to 866Mbps

Wireless Security

- WEP
- WPA-PSK
- WPA2-PSK
- WPA-Radius
- 802.1x

Software

- Web Base Management
- Setup Wizard
- WAN : Static IP, Dynamic IP, PPPoE, PPTP,L2TP , Cloned MAC Address
- Guess Mode
- Disable SSID , Wireless SiteSurvey
- Tx Output Power Adjustment, WMM
- Wireless Mode : AP Router, AP , Client, WDS (each radio can work independently)
- Restore to Default
- Configuration Backup and Restore
- Firmware upgradeable via Web Management
- QoS, NTP, Remote Management, DDNS, IP Filtering
- Port Forwarding, Virtual Server,UPNP,ALG Setting
- Access Control, URL Blocking, DoS,DMZ

Management Feature

- AirLIve Central Wireless
- IP Wizard
- Web Management

Maximum Output Power (EIRP)

*Real output power is depend on regulation.

- ETSI:
  2.4GHz : 18 ± 1.5dBm
  5GHz : 19 ± 1dBm

- FCC:
  2.4GHz : 26 ± 1.5dBm
  5GHz : 23 ± 1.5dBm

Receive Sensitivity

- 2.4GHz:
  11b(11M): -76±2dBm
  11g(54M): -65±2dBm
  11n(20MHz, MCS7):-64±2dBm
  11n(40MHz, MCS7):-61±2dBm
- 5GHz:
  11a(54M): -65±2dBm
  11n(20MHz, MCS7): -64±2dBm
  11n(40MHz, MCS7): -61±2dBm

Power

- 12V / 1A Switch Power Adapter

Temperature

- Operating: 0~40°C , Storage: -20~60°C

Humidity

- Operating: 10~90% (Non-Condensing)
- Storage: Max.95% (Non-Condensing)

Certification

- CE,FCC

Ordering Information:

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