



## High-Power Wireless AC600 Outdoor Access Point / Repeater

433 Mbps Wireless AC (5 GHz) + 150 Mbps Wireless N (2.4 GHz), IP65, 28 dBm, Wireless Client Isolation, Passive PoE, Wall- and Pole-mount

Part No.: **525824**

Increase the coverage of your wireless network with the Intellinet High-Power Wireless AC600 Outdoor Access Point / Repeater.

### Multiple Solutions in One Device

The Intellinet High-Power Wireless AC600 Outdoor Access Point / Repeater serves multiple purposes — an access point for your wireless network, a basic wireless router, a wireless repeater that amplifies the wireless signal to extend your network, a CPE for wireless Internet service (WISP), and two high-gain antennas for long range transmissions — and brings it all together in an easy to configure package.

### Concurrent 2.4 and 5 GHz Performance

The main benefit of a dual-band AC access point is the ability to shift traffic from the congested 2.4 GHz band to the relatively uncluttered 5 GHz space. So, you can use the 2.4 GHz band for your everyday tasks, such as surfing the Internet, social media or e-mail, while the 5 GHz AC band can be used for mission-critical transmissions.

### Flexibility via passive-PoE

The Intellinet High-Power Wireless AC600 Outdoor Access Point / Repeater comes with a passive PoE port. This port can be used to power the device with the included passive PoE injector for distances up to 60 meters, which is very convenient in situations where AC power is not readily available.

### Install it your Way

Pole or wall mounting? The choice is yours. The necessary installation materials are included.

### Waterproof

The IP65-rated Intellinet High-Power Wireless AC600 Outdoor Access Point is made using weatherproof and corrosion-resistant material, and can be used indoors or outdoors.

## Features:

*For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).*

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- The latest in wireless technology transfer delivers up to 433 Mbps (5 GHz) and 150 Mbps (2.4 GHz) speeds
- Weatherproof and corrosion resistant, IP65
- Simultaneous dual-band operation (2.4 GHz and 5 GHz) provides twice the bandwidth
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- Supports WMM (IEEE 802.11e QoS standard) prioritizing bandwidth for multimedia applications
- Powerful 7 dBi gain antennas, detachable, with RP-SMA female connector
- Supported modes: Access Point, Router, Repeater and WISP (Wireless ISP)
- Supports Wi-Fi Protected Setup (WPS)
- Included passive POE injector for up to 60 meters (200 feet) connection distance
- Easy installation through Web-based user interface
- Firmware upgradeable
- Three-Year Warranty

## Specifications:

### Standards

- IEEE 802.11ac (433 Mbps Wireless LAN)
- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.11n (150 Mbps Wireless LAN)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)

### General

- LAN/WAN port: 1 RJ45 10/100 Mbps data and power input port for passive PoE injector
- Flash: 64 MB
- Memory: 512 MB DDR2
- VPN pass-through
- Reset button
- Ground (GND) connector
- Certifications: FCC Class A, CE, RoHS

### Wireless

- Wireless channels EU (ETSI): 1-13, US (FCC): 1-11
- Modulation technologies:
  - 11ac: 16QAM, 64QAM 128QAM 256QAM with OFDM
  - 11g/n: BPSK, QPSK, 16QAM, 64QAM, OFDM
  - 11b: DQPSK, DBPSK, DSSS, CCK
- Wireless security:
  - Open
  - WEP encryption (64/128 bit)
  - WPA PSK
  - WPA2 PSK
  - WPA2 mixed
- Data rates:

- IEEE 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)
- IEEE 802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
- IEEE 802.11n (up to 150 Mbps)
- IEEE 802.11ac (up to 433 Mbps)
- Max. transmit output power US (FCC): 28 dBm
- Max. transmit output power EU (ETSI): 13 dBm
- Antenna gain: 7 dBi
- Max. EIRP output power US (FCC): 35 dBm
- Max. EIRP output power EU (ETSI): 20 dBm

#### Router

- Supported WAN connection types:
  - Dynamic IP (DHCP for cable service)
  - Static IP
  - PPPoE (for DSL)

#### Power

- External power adapter: 24 VDC, 0.5 A
- Power consumption: 7 watts max.

#### LEDs

##### Power

- WLAN/LAN Link/Act
- WLAN on
- WLAN Signal Strength
- Power

#### Environmental

- Dimensions: 428 (L) x 55 (W) x 55 (H) [mm] / 16.85 (L) x 2.17 (W) x 2.17 (H) [in]
- Weight: 0.26 kg (0.57 lbs)
- Operating temperature: -30 – 70°C (-22 – 158°F)
- Storage temperature: -40 – 70°C (-40 – 158°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage humidity: 10 – 90% RH, non-condensing

#### Package Contents

- High-Power Wireless AC600 Outdoor Access Point / Repeater
- 2 external detachable dipole antennas
- Pole mounting bracket
- Quick installation guide
- Ethernet Cat5 RJ45 cable
- Installation CD
- Power adapter
- Passive PoE Injector
- 2 Cable ties
- Wall mount kit



