

# BR200-WP

Branch router with Gigabit Ethernet, PoE and 3x3:3 802.11n radio

**BR200-WP combines secure routing, switching and enterprise Wi-Fi in a single cloud-managed platform that is well-suited to connect, secure and manage distributed branch offices.**

With the powerful HiveOS at its core, the platform embodies rich features such as IPsec VPN, user-based access control, stateful firewall policies and additional security and RF networking features.

Combining these rich capabilities with cloud-based services, provides the BR200-WP the unique capability and ease of use to drastically reduce time-to-operation of large-scale distributed branch rollouts.



## BR200-WP COMPONENTS



### ENTERPRISE CONNECTIVITY

- Layer 3 IPsec VPN solution with support for Aerohive VPN Gateway and 3rd party IPsec-standard gateways
- 5x GbE switch ports (2x PoE ports)
- Dual WAN redundancy (USB 3G/4G modem and Ethernet)
- Identity-based access control
- Network-based mobile device management
- User-aware policy based routing



### ENTERPRISE SECURITY

- Integrated spectrum analysis
- WIPS
- WPA/WPA2 Security
- Wired authentication including 802.1X, MAC authentication and Captive Web Portal support



### CLOUD MANAGEMENT

- Granular user profile based management defines QoS, mobility policies and security policies for each user and device
- Application visibility and control for 1200+ applications
- Unified wired and wireless network policy to specify how and when users connect
- Zero-touch deployment

## PRODUCT SKUs

SKU	DESCRIPTION
AEROHIVE BRANCH ROUTER	
AH-BR-200WP-N-FCC	BR200WP, 5xGigabit LAN/WAN, 2 PoE PSE Ports, Dual band 3x3:3 Single 802.11a/b/g/n radio, USB for 3G/4G, FCC regulatory domain, with US power supply
AH-BR-200WP-N-FCC	BR200WP, 5xGigabit LAN/WAN, 2 PoE PSE Ports, Dual band 3x3:3 Single 802.11a/b/g/n radio, USB for 3G/4G, FCC regulatory domain, with US power supply
BRANCH ROUTER ACCESSORIES	
AH-ACC-PWR-60W-US	60W power supply and US power plug for BR200 series
AH-ACC-PWR-60W-EU	60W power supply and EU power plug for BR200 series
AH-ACC-PWR-60W-AU	60W power supply and AU power plug for BR200 series

## PRODUCT SPECS

### Mounting

- Desktop
- Keyhole Wall Mounts

### Wi-Fi

- Single Radio 3x3 3-stream 802.11a/b/g/n
- Modulation
  - BPSK, QPSK, 16QAM, 64QAM, DQPSK and CCK
- Encryption
  - WEP, AES and TKIP
- Antennas
  - 3 embedded antennas with diversity function

### Interfaces

- IEEE 802.3ab(100BASE-T), 802.3u(100BASE-TX), 802.3(10BASE-T) compliant
  - 5x 1GE ports
  - 2x PoE ports with total of 30.8W power budget, supporting 2 IEEE 802.3af standards based PoE ports or other combinations
- 1x USB2.0 Port
- 1 Reset button to reset (on press) and load factory default settings (when pressed for more than 5 seconds)
- 1 RJ45 console port

### Modem Support

- Flexible USB Modem Support  
(visit [docs.aerohive.com/330000/docs/help/english/6.88/hm/full/help.htm#hw/br/BR200.htm#usb-modems](https://docs.aerohive.com/330000/docs/help/english/6.88/hm/full/help.htm#hw/br/BR200.htm#usb-modems) for up-to-date modem information)

### Physical

- 7.75" W x 1.13" H x 6.1" D
- Weight: BR200 - 14 oz (4000g), BR200-WP - 14.7 oz (416g)

### Environmental

- Operating: 0 to +40 degrees C
- Storage: -20 to +70 degrees C
- Humidity: 5% to 95% RH (non-condensing)

### MTBF (based on Telecordia SR-332)

- 392,000 Hours at 25 degrees C

### Power

- DC 48V/1.25A, 60W

### Physical Security

- 1 Kensington Lock Connector

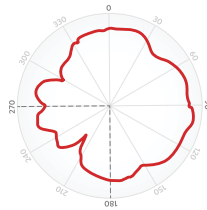
### Other Features

- Full Trusted Computing Group (TCG) Trusted PlatformModule (TPM)
- Dedicated Hardware-accelerated SHA-1 Engine

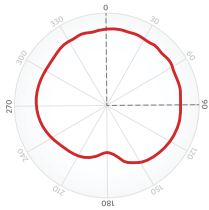
## RADIATION PATTERNS



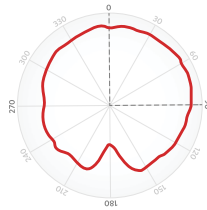
2.4GHZ HORIZONTAL



5GHZ HORIZONTAL



2.4GHZ VERTICAL



5GHZ VERTICAL

## WARRANTY & SUPPORT

Every Aerohive Networks device is backed by a limited lifetime hardware warranty. Extended product and technical support may be purchased separately and can include next day advanced replacement, 24x7 technical support, web and email support access, and software updates.

For complete support terms go to [www.aerohive.com/support](https://www.aerohive.com/support).

**Contact us today** to learn how your organization can benefit from an Aerohive wireless LAN architecture.

