香港寬頻
HONG KONG BROADBAND NETWORK

企業方案
Enterprise Solutions

Infinite Wi-Fi

Empowering businesses with scalable and robust Wi-Fi solution

Making the most out of limited IT resources requires flexibility, security and the assurance of a seamless end-to-end wireless experience. HKBN Infinite Wi-Fi offers hassle-free, secure and reliable connection that evolves with businesses, matching the pace of needs and situations as they arise. With centralised control in the Cloud, mission-critical applications and information are accessible from any device, with customisable authentication methods for employees, clients and guests.

End-to-end cloud-based Wi-Fi connectivity

More than just a simple access point, HKBN Infinite Wi-Fi is a total, cloud-based Wi-Fi network management solution. This means no upfront hardware investments for Wireless LAN Controller, Web Server and User Authentication Server, and significantly lowers ongoing maintenance costs, with responsive scalability, expandability and manageability that evolve to match business needs. The self-serviced online management system makes setting up accounts and extending connections to new areas of an organisation a snap. Extensibility even reaches throughout the city with unlimited, single-login access to HKBN's expansive Wi-Fi network for a seamless wireless experience.

Network infrastructure of cloud-based Wi-Fi controller

Server — Cloud-base Controller — Internet — Router — AP — AP — AP

Uncompromising security with a wide reach

By providing a separate, dedicated broadband service for organisational Wi-Fi, HKBN Infinite Wi-Fi limits and helps control access to existing wired networks. This also ensures full redundancy with greater bandwidth throughput, getting more data across in less time.

Services Offered

Dedicated 100Mbps# broadband line

Multiple Wi-Fi access authentication options

Customisable login page and landing page

Administrative web-based portal for user management

Bundled with single-login HKBN Wi-Fi hotspot access for outdoor mobility

Access point installation using industrial standard CAT5e wiring

Support 2 SSIDs for different Wi-Fi access authentication options

Service Hardware

Broadband Router

Ruckus R300 / R500 Access Point with PoE Injector

#Specifications of 1000Mbps/500Mbps/100Mbps are based on internet connection from the wallplate at customer's premises to the first piece of HKBN's network equipment. Maximum upload/download speed to local site could be up to 1000Mbps/500Mbps/100Mbps. The actual bandwidth that the customer can enjoy may be affected by customer hardware / software, router specification, site traffic loading, type of content being accessed and other environmental factors; and hence is normally less than the above speed. The bandwidth to overseas sites will also be subject to the conditions of local network there, and therefore the bandwidth might be even less.

Customisable Wi-Fi Access Authentication Options

Enhance user experience from the moment a guest, client or employee steps through the door. With multiple ways to customise Wi-Fi access and authentication, HKBN Infinite Wi-Fi makes each user's Wi-Fi experience and brand memorable right out of the box.

Free Access	Simple and direct login raises customer satisfaction through powerful, simple premise-wide connectivity
Username & Password Login	Protect business networks against unauthorised access
MAC Authentication	Consolidate control over devices throughout the network
Customised Welcome Page	Greet customers with a unique message that reflects brand value
Branded Landing Page	Redirect customers after login to an extended brand exposure

A secure web portal login separates internal Wi-Fi Internet access for employees and special services for premium clients, especially club houses, banks or shopping malls, to separate networks between staff and guests or normal guests and VIP customers/members, or teachers and students in tutorial centres. Separating the network helps increase business efficiency and enhances corporate network security effectively.

The provision of 2 separate networks with 2 SSIDs enhances corporate network security while increasing business efficiency, with the capability to offer 2 different access methods.

Standard login page template allows clients increase brand awareness by displaying a brand's logo
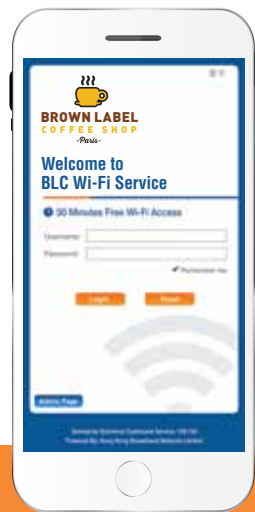
Free and open Wi-Fi access is particularly suited for the retail and food & beverage industry, offering an extra customer-oriented service that encourages repeated visits and increased satisfaction.

With In Browser Advertising, customers are redirected to your landing page after login to extend brand awareness and user experience.
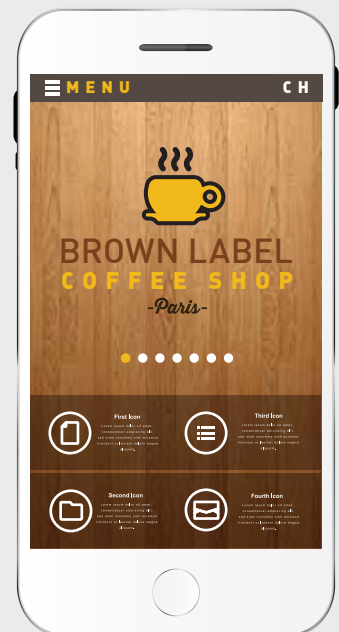
Branded landing page is a cost-effective solution to reach targeted audiences

Hassle-free and Cost Effective Setup

Experience the greatest business value from HKBN's carrier-grade hardware to deploy an agile, fully managed wireless infrastructure. HKBN Infinite Wi-Fi provides always-on broadband performance for business at a fraction of the cost. No upfront investments, complex installations and long setup lead times.

Enhanced advantages of Ruckus AP

- **Carrier-grade connectivity** supports high traffic, bandwidth-hungry mobile device environments
- **Wireless noise cancellation** automatically reduces interference for improved network performance
- **Compact design** streamlined curves, lightweight and slender enough to fit into places with limited space

Model	R300	R500
Wi-Fi Standard	802.11a/b/g/n	802.11a/b/g/n/ac
Max. Speed	300Mbps(5Ghz) + 300Mpbs(2.4Ghz)	867Mbps(5Ghz) + 300Mbps(2.4Ghz)
Capacity	Up to 250 devices	Up to 500 devices

Ruckus AP (R500)

Wider Wi-Fi Coverage

HKBN provides single-login HKBN Wi-Fi access accounts through a self-managed web-based portal to 11,000+ hotspots across Hong Kong, conveniently extending the reach of Wi-Fi connectivity for users. Synchronised login ID only requires a user to login once to enjoy city-wide Wi-Fi.

HKBN's extensive hotspot coverage

Restaurants	McDonald's, McCafe, Pret A Manger, Misocool, specific Yoshinoya restaurants, Maxim's Chinese Cuisine restaurants and more
Shopping Malls	IFC, New Town Plaza, Domain Mall (Yau Tong), Tai Po Mega Mall, Kwai Chung Plaza, Nan Fung Centre, Golden Computer Arcade and more
Others	Hysan Place Jasons • Food & Living (Causeway Bay), UA Cinemas, Golden Harvest Cinemas, Universities & Institution, specified Jusco stores, Circle K convenience stores, DSC stores and more

HKBN Wi-Fi Service is provided by HKBN Group Limited. Each Wi-Fi Service location may include different numbers of hotspots. The number and location of HKBN Wi-Fi hotspots are subject to change. Please visit http://hkbnes.net/hkbn-wi-fi¨Wireless Hotspot Search¨ to find the latest HKBN Wi-Fi hotspots.

Features and Benefits

Streamlined IT Structure	HKBN's offsite hosting and management of necessary IT infrastructure minimises need for hardware and manpower resources
Flexibly Sizes Up	Wi-Fi access can be controlled to match staffing and business needs
Future-proof Solution	On-going firmware and application upgrades ensure up-to-date features are delivered
Dedicated Broadband	Separated broadband operates independent from a company's existing network, improving security, bandwidth throughput and data transfer capacity
Multiple Authentication Options	Separate WLAN accounts provide secure access to mission-critical business applications

Address Your Business Needs For

- **Dedicated broadband** does not intersect with company's existing network for improved security

- **No upfront investment** involved in offering Wi-Fi by enjoying HKBN's fully hosted and maintained infrastructure

- **Greater flexibility** consolidates control over all devices on network connection

- **Customised branding** promotes brand values via a customised landing page

- **Business competitiveness** helps create a memorable customer experience that introduces the brand from the get-go

- **Prompt technical and maintenance support** by professional support team to handle any technical difficulties efficiently and on time

- **Multiple SSID** extending separation between different groups of users for more secured access

- **Greater bandwidth throughput** increases capacity for data in a shorter amount of time

- **Convenient wide-area coverage** extends Wi-Fi indoors as needed

Discover how HKBN's Enterprise Solutions
can meet your business needs by contacting us at 128-1111 or hkbnes.net/en