

## 2009 Wireless LAN Adapter

### WIS09ABGN2

#### Features

- Compatible with IEEE 802.11a/b/g and 802.11n draft 2.0
- Supports USB 2.0
- Compact and Lightweight Pocket-Sized Design
- Supports 2009 SAMSUNG TVs with Internet@TV (For compatible TV models, refer to the information printed on the product box.)
- Supports 2009 SAMSUNG Blu-ray Disc Players / Home Theater Systems (For more information, please refer to the Blu-ray Disc Players / Home Theater Systems User Manual.)

#### Accessory

- USB right angle adapter (only for Blu-ray Disc Players / Home Theater Systems)

#### Installing the Adapter

- Insert the Wireless LAN Adapter into the TVs / Blu-ray Disc Players / Home Theater Systems' USB port.
- For installation precautions and instructions, refer to the TVs / Blu-ray Disc Players / Home Theater Systems User Manual.
  - TV: "Network Connection → Wireless" section
  - Blu-ray Disc Player / Home Theater System: "Network Setup → Wireless Network" section

#### Safety Precautions

- Do not let children swallow the product or play with the plastic bag. Keep the product and the plastic bag out of the reach of children.
- Do not let water or other liquids come into contact with the product, as it may result in damage.
- Keep the product away from direct sunlight, fire or a heat source such as a heater. This may reduce the product lifetime or result in fire.

#### Warranty: 1 Year

- If the product is not working properly due to a performance defect that appears under normal circumstances within the warranty period, please visit the retailer where you purchased it. (Please contact Samsung service center in Argentina, Brazil, Chile, Colombia, Mexico and Panama.)

#### FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.

English-1

#### Specifications (WIS09ABGN2)

Standard	IEEE 802.11 a/b/g/n ( n : draft 2.0)		
Host Interface	USB 2.0		
Frequency Range	2.412 ~ 2.4835GHz 5.15 ~ 5.850GHz		
Security	64/128bit WEP, WPA /WPA2, 802.1x, WPS		
Output Power	802.11a: 18dBm at 6Mbps 802.11b: 18dBm at 11, 5.5, 2, and 1Mbps 802.11g: 17dBm at 6Mbps 802.11n(2.4GHz): 18dBm (20MHz) / 17dBm (40MHz) 802.11n(5GHz): 21dBm (20MHz) / 21dBm (40MHz)		
Data Rate	802.11a/g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps 802.11b: 11, 5.5, 2 and 1Mbps 802.11n: up to 300Mbps (40MHz / spatial streams: 2)		
Sensitivity	802.11a: -68dBm at 54Mbps 802.11b: -84dBm at 11Mbps 802.11g: -68dBm at 54Mbps 802.11n: -68dBm (20MHz) / -65dBm (40MHz)		
Power consumption	TX: 500mA at continuous transmit mode (2 Tx chains on ) RX: 300mA at continuous receive mode (2 Rx chains on )		
Supported Models	2009 SAMSUNG LED TV Series : UN**B6*** (USA / Canada only), UN**B7*** / B8*** / B9*** 2009 SAMSUNG LCD TV Series : LN**B6** / B7** / B8** 2009 SAMSUNG PDP TV Series : PN**B6** / B8** 2009 SAMSUNG Blu-ray Disc Players : BD-P1590 / P16** / P36** / P46** 2009 SAMSUNG Home Theater Systems : HT-BD12** / BD32** / BD72** / BD8200 * In TV series above, only the TVs with Internet@TV logo are supported.		
Dimensions (L X W X D)	3.3 X 1.047 X 0.63 inches (84 X 26.6 X 16 mm)		

Ideal For	802.11n (5GHz)	802.11n (2.4GHz)	802.11 a/b/g
streaming HD video	recommended	not recommended	not recommended
streaming SD video		recommended	recommended
music, photo			

- Network conditions and environmental factors (including but not limited) volume of network traffic, building materials and construction, may lower actual data throughput rate.
- Environmental conditions will affect wireless signal coverage.
- Video clips with lower than 20Mbps bit-rates are recommended for the wireless video streaming.

English-2

## 2009 Wireless LAN Adapter

### WIS09ABGN2

#### Caractéristiques

- Compatible avec IEEE 802.11a/b/g et 802.11n draft 2.0
- Compatible avec USB 2.0
- Appareil de poche compact et léger
- Est compatible avec les téléviseurs SAMSUNG 2009 dotés de l'option Internet@TV (Pour les modèles de téléviseurs compatibles, consulter l'information imprimée sur la boîte du produit.)
- Compatible avec les lecteurs Blu-ray ou systèmes de cinéma maison SAMSUNG 2009 (Pour de plus amples renseignements, consultez le manuel d'utilisation du lecteurs Blu-ray ou du systèmes de cinéma maison.)

#### Accessoire

- Adaptateur à angle droit pour clé USB (seulement pour les lecteurs Blu-ray ou systèmes de cinéma maison)

#### Installation de l'adaptateur

- Insérez l'adaptateur LAN sans fil dans le port USB du téléviseur, du lecteurs Blu-ray ou du systèmes de cinéma maison.
- Pour obtenir les précautions et les instructions pour l'installation, consultez le manuel d'utilisation du téléviseur, du lecteurs Blu-ray ou du systèmes de cinéma maison.
  - Téléviseur : Section « Connexion réseau → Sans fil »
  - Lecteur Blu-ray ou système de cinéma maison : Section « Configuration du réseau - Réseau sans fil »

#### Mesures de précaution

- Ne pas laisser les enfants jouer avec l'emballage en plastique et veiller à ce qu'ils ne portent pas le produit à la bouche. Conserver le produit et l'emballage en plastique hors de la portée des enfants.
- Éviter que le produit n'entre en contact avec de l'eau ou des substances étrangères. Cela risque d'endommager le produit.
- Ne pas exposer le produit directement à la lumière du soleil, à une flamme ou à une source de chaleur comme un appareil de chauffage. Cela peut réduire la durée de vie du produit ou causer un incendie.

#### Garantie : un an

- Si le produit ne fonctionne pas correctement en raison d'une défectuosité qui se manifeste, dans des circonstances normales, pendant la durée de validité de la garantie, veuillez vous rendre au détaillant où vous avez effectué l'achat.

Français-1

#### Spécifications (WIS09ABGN2)

Norme	IEEE 802.11 a/b/g/n ( n : draft 2.0)		
Interface de l'ordinateur central	USB 2.0		
Plage de fréquences	2.412 ~ 2.4835 GHz 5.15 ~ 5.850 GHz		
Sécurité	64/128 bits WEP, WPA /WPA2, 802.1x, WPS		
Puissance de sortie	802.11a : 18 dBm à 6 Mbps 802.11b : 18 dBm à 11, 5.5, 2 et 1 Mbps 802.11g : 17 dBm à 6 Mbps 802.11n (2,4 GHz) : 18 dBm (20 MHz) / 17 dBm (40 MHz) 802.11n (5 GHz) : 21 dBm (20 MHz) / 21 dBm (40 MHz)		
Débit des données	802.11a/g : 54, 48, 36, 24, 18, 12, 9 et 6 Mbps 802.11b : 11, 5.5, 2 et 1 Mbps 802.11n : jusqu'à 300 Mbps (40 MHz / flux spatiaux : 2)		
Sensibilité	802.11a : - 68 dBm à 54 Mbps 802.11b : - 84 dBm à 11 Mbps 802.11g : - 68 dBm à 54 Mbps 802.11n : - 68 dBm (20 MHz) / - 65 dBm (40 MHz)		
Consommation	Émission : 500 mA en mode de transmission continue (2 chaînes d'émission) Réception : 300 mA en mode de réception continue (2 chaînes de réception)		
Modèles compatibles	TÉLÉVISEURS DEL SAMSUNG 2009 SÉRIE : UN**B6*** (États-Unis / Canada uniquement), UN**B7*** / B8*** / B9*** TÉLÉVISEURS ACL SAMSUNG 2009 SÉRIE : LN**B6** / B7** / B8** TÉLÉVISEURS À ÉCRAN PLASMA SAMSUNG 2009 SÉRIE : PN**B6** / B8** Lecteurs Blu-ray SAMSUNG 2009 : BD-P1590 / P16** / P36** / P46** Systèmes de cinéma maison SAMSUNG 2009 : HT-BD12** / BD32** / BD72** / BD8200 * Parmi les modèles ci-dessus, ne sont compatibles que les téléviseurs ayant le logo Internet@TV.		
Dimensions (L X L X P)	84 X 26,6 X 16 mm (3,3 X 1,047 X 0,63 po)		

Ideal For	802.11n (5 GHz)	802.11n (2,4 GHz)	802.11 a/b/g
vidéo HD en continu	recommandé	non recommandé	non recommandé
vidéo en SD en continu		recommandé	recommandé
musique, photos			

- L'état du réseau et les facteurs environnementaux, y compris, mais sans s'y limiter, le volume du trafic sur le réseau, les matériaux de construction et les constructions peuvent réduire le flot de données réel.
- Les conditions ambiantes auront une incidence sur la couverture des signaux des réseaux sans fil.
- Les vidéos clips ayant un débit binaire inférieurs à 20 mbps sont recommandés pour la lecture en transit de fichiers visuels sans fil.

Français-2

## 2009 Wireless LAN Adapter WIS09ABGN2

### Características

- Compatible con IEEE 802.11a/b/g y 802.11n, draft 2.0
- Admite USB 2.0
- Diseño compacto y ligero tamaño bolsillo
- Admite televisores SAMSUNG 2009 con Internet@TV (Para saber los modelos de TV compatibles, consulte la información impresa en la caja del producto.)
- Admite reproductores de disco Blu-ray / sistemas Home Theater de SAMSUNG 2009 (Para obtener más información consulte los manuales del usuario de los reproductores de discos Blu-ray / sistemas Home Theater.)

### Accesorios

- Adaptador USB en ángulo recto (sólo para los reproductores de discos Blu-ray / sistemas Home Theater)

### Instalación del adaptador

- Inserte el adaptador LAN inalámbrico en el puerto USB de televisores / reproductores de discos Blu-ray / sistemas Home Theater.
- Para conocer las instrucciones y precauciones de instalación consulte los manuales del usuario de televisores / reproductores de discos Blu-ray / sistemas Home Theater.
  - TV: Sección "Conexión de la red → Inalámbrica"
  - Reproductor de discos Blu-ray / sistema Home Theater: Sección "Configuración de la red → inalámbrica"

### Precauciones de seguridad

- Tenga cuidado que los niños no se traguen el producto ni jueguen con la bolsa de plástico. Mantenga el producto y la bolsa de plástico lejos de los niños.
- No permita que el agua o cualquier otro líquido entren en contacto con el producto, ya que podría ocasionar daños.
- Mantenga el producto apartado de la luz directa del sol, del fuego o de una fuente de calor, como un calentador. Esto podría reducir la vida del producto o causar un incendio.

### Garantía: 1 año

- Si el producto no funciona correctamente debido a un defecto de rendimiento que aparece en circunstancias normales dentro del periodo de garantía, póngase en contacto con su distribuidor local. (Póngase en contacto con el centro de servicio técnico de Samsung en Argentina, Brasil, Chile, Colombia, México y Panamá.)

Español-1

Especificaciones (WIS09ABGN2)	
Estándar	IEEE 802.11 a/b/g/n (n: draft 2.0)
Interfaz del sistema	USB 2.0
Rango de frecuencias	2,412 ~ 2,4835GHz 5,15 ~ 5,850GHz
Seguridad	64/128 bits WEP, WPA /WPA2, 802.1x, WPS
Potencia de salida	802.11a: 18dBm a 6 Mbps 802.11b: 18 dBm a 11, 5.5, 2 y 1 Mbps 802.11g: 17 dBm a 6 Mbps 802.11n (2,4 GHz): 18 dBm (20 MHz) / 17 dBm (40 MHz) 802.11n (5GHz): 21 dBm (20 MHz) / 21 dBm (40 MHz)
Velocidad de datos	802.11a/g: 54, 48, 36, 24, 18, 12, 9 y 6 Mbps 802.11b: 11, 5.5, 2 y 1Mbps 802.11n: hasta 300 Mbps (40MHz / transmisiones espaciales: 2)
Sensibilidad	802.11a: -68 dBm a 54 Mbps 802.11b: -84 dBm a 11 Mbps 802.11g: -68 dBm a 54 Mbps 802.11n: -68 dBm (20 MHz) / -65 dBm (40 MHz)
Consumo de energía	TX : 500mA en modo de transmisión continua (2 Tx cadenas activadas ) RX : 300 mA en modo de recepción continua (2 Rx cadenas activadas )
Modelos admitidos	TV LED SAMSUNG 2009 Serie: UN**B6** (EE.UU./ Canadá solamente), UN**B7** / B8** / B9** TV LCD SAMSUNG 2009 Serie: LN**B6** / B7** / B8** TV PDP SAMSUNG 2009 Serie: PL**B6** / B8** Reproductores de discos Blu-ray SAMSUNG 2009: BD-P16** / P36** / P46** Sistemas de Home Theater SAMSUNG 2009: HT-BD12** / BD32** / BD72** / BD8200 * En las series TV anteriores, sólo se admiten los televisores con logotipo Internet@TV.
Dimensiones (Al x An x Pr)	3,3 x 1,047 x 0,63 pulgadas (84 x 26,6 x 16 mm)

Ideal For	802.11n (5 GHz)	802.11n (2,4GHz)	802.11 a/b/g
transmisión vídeo HD	recomendado	no recomendado	no recomendado
transmisión vídeo SD	recomendado	recomendado	recomendado
música, fotos			

- Las condiciones de la red y los factores ambientales (incluidos pero sin limitación), el volumen del tráfico en la red, los materiales de construcción y las edificaciones pueden reducir la velocidad de transmisión de datos real.

- Las condiciones ambientales afectarán a la recepción de la señal inalámbrica.

- En la transmisión de vídeo inalámbrico se recomiendan los clips de vídeo con tasa de bits inferiores a 20 Mbps.

Español-2

## 2009 Wireless LAN Adapter WIS09ABGN2

### Características

- Compatível com a norma IEEE 802.11a/b/g e 802.11n preliminar 2.0
- Suporta USB 2.0
- Design portátil, compacto e leve.
- Suporta TVs SAMSUNG de 2009 com Internet@TV (Para conhecer os modelos de TV compatíveis, consulte as informações contidas na caixa do produto.)
- Compatível com Blu-ray Disc Player / Sistemas de Home Theater da SAMSUNG 2009 (para mais informações, consulte o Manual do Usuário do Blu-ray Disc Player / Sistemas de Home Theater.)

### Acessórios

- Adaptador USB a 90° (apenas para Blu-ray Disc Player / Sistemas de Home Theater)

### Instalação do adaptador

- Insira o adaptador de rede sem fio na porta USB da TV / Blu-ray Disc Player / Sistemas de Home Theater
- Para precauções e instruções na instalação, consulte o Manual do Usuário da TV / Blu-ray Disc Player / Sistemas de Home Theater
  - TV: Seção "conexão de rede → Wireless" ("Conexão de rede → Sem fio")
  - Blu-ray Disc Player / Sistemas de Home Theater: Seção "configuração de rede → Wireless" ("Configuração de rede → Rede sem fio")

### Cuidados de segurança

- Não permita que as crianças engulam o produto ou brinquem com a embalagem plástica. Mantenha o produto e a embalagem plástica fora do alcance de crianças.
- Não deixe que água ou outros líquidos entrem em contato com o produto, pois isso, poderá resultar em danos.
- Mantenha o produto longe de luz solar direta, fogo ou fonte de calor, como aquecedores, por exemplo, pois pode haver redução da vida útil do produto ou incêndio.

### Garantia: 1 ano

- Se o produto não estiver funcionando apropriadamente devido a um defeito de execução que venha a aparecer em circunstâncias normais durante o período de garantia, procure a loja onde você adquiriu o produto. (Entre em contato com o centro de serviço Samsung em: Argentina, Brasil, Chile, Colômbia, México e Panamá.)

Português-1

Especificações (WIS09ABGN2)	
	IEEE 802.11 a/b/g/n (n : draft 2.0) padrão
Interface do host	USB 2.0
Área de frequência	2,412 ~ 2,4835 GHz 5,15 ~ 5,850 GHz
Segurança	64/128 bits WEP, WPA /WPA2, 802.1x, WPS
Saída de força	802.11a: 18 dBm a 6 Mbps 802.11b: 18 dBm a 11, 5.5, 2 e 1 Mbps 802.11g: 17 dBm a 6 Mbps 802.11n (2,4 GHz): 18 dBm (20 MHz) / 17 dBm (40 MHz) 802.11n (5 GHz): 21 dBm (20 MHz) / 21 dBm (40 MHz)
Taxa de dados	802.11a/g: 54; 48; 36; 24; 18; 12; 9 e 6 Mbps 802.11b: 11; 5.5; 2 e 1 Mbps 802.11n: até 300 Mbps (40 MHz / spatial streams: 2)
Sensibilidade	802.11a: -68 dBm a 54 Mbps 802.11b: -84 dBm a 11 Mbps 802.11g: -68 dBm a 54 Mbps 802.11n: -68 dBm (20 MHz) / -65 dBm (40 MHz)
Consumo de energia	TX: 500 mA no modo de transmissão contínua (2 cadeias Tx ligadas) RX: 300 mA no modo de recepção contínua (2 cadeias Rx ligadas)
Modelos suportados	TV LED SAMSUNG 2009 Séries: UN**B7** / B8** / B9** TV LCD SAMSUNG 2009 Séries: LN**B6** / B7** / B8** TV PDP SAMSUNG 2009 Séries: PL**B6** / B8** Disc Players Blu-ray SAMSUNG 2009: BD-P16** / P36** / P46** Sistemas de Home Theater da SAMSUNG 2009: HT-BD12** / BD32** / BD72** / BD8200 * Nas séries das TVs acima, são suportados apenas os modelos com o logótipo Internet@TV.
Dimensões (C x L x A)	3,3" x 1,047" x 0,63" (84 mm x 26,6 mm x 16 mm)

Ideal para	802.11n (5 GHz):	802.11n (2,4 GHz)	802.11 a/b/g
vídeo streaming em HD	recomendado	não recomendado	não recomendado
vídeo streaming em SD	recomendado	recomendado	recomendado
música, fotos			

- As condições de rede e os fatores ambientais, incluindo, mas não se limitando a, volume de tráfego de rede, materiais de construção e construção, podem ocasionar uma taxa real de transferência de dados menor.

- As condições ambientais afetarão o alcance do sinal sem fio.

- Vídeo clips com menos de 20 Mbps de taxa de bits são recomendados para o vídeo streaming sem fio.

Português-2

# Regulatory Compliance Information

## FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Wireless Radio

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device is going to be operated in 5.15~5.25GHz frequency range, it is restricted in indoor environment only.

**Important:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be collocated or operation in conjunction with any other antenna or transmitter.

### Wireless Radio

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

**Important:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## Korea Statements

- 1) 당해 무선설비는 운용 중 전파혼신 가능성이 있음.
- 2) 당해 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없음.