IEEE 802.11n/g/b Wireless USB Adapter

AW-NU221 User's Manual





AW-NU221 User's Manual English July 2007

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Contents of Package: Azurewave AW-NU221

1.802.11n/g/b Wireless USB Adapter 2.CD-ROM (includes manual and driver) 3.Quick Installation Guide



X If any of the above items are missing, please contact your retailer.



System Requirements:

- 1. Windows Vista / XP
- 2. A computer or laptop with an available USB 1.1 or 2.0 port
- 3. At least 64 MB of memory and a 300 MHZ processor
- 4. CD-ROM Drive
- 5. 20MB Hard disk space

Introduction

1.1 Overview

Azurewave AW-NU221 USB 2.0 Wireless Adapter is a highly integrated wireless local area network (WLAN) solution to let users enjoy the digital content through the latest wireless technology without using extra cables and cords. It provides easy-to-use, high performance, cost effective and low power solution. Moreover, AW-NU221 enables compatible highspeed wireless connectivity within home, business and public access wireless networks.

Compliant with the IEEE 802.11n/g/b standard, AW-NU221 uses Direct Sequence Spread Spectrum (DSSS), Orthogonal Frequency Division Multiplexing (OFDM), BPSK, QPSK, CCK and QAM baseband modulation technologies. When you are using AW-NU221, a high level of integration and full implementation of the power management functions specified in the IEEE 802.11 standard can minimize system power requirements.

The AW-NU221 802.11n/g/b Wireless USB Adapter is a convenient Plug & Play solution and provides up to 128-bit level of WEP security to your wireless data transfers. It is able to run in the operating systems of Windows XP/Vista in either Infrastructure mode or Ad-Hoc mode. Comparing to previous wireless technology, AW-NU221 got great improvements on speed and range. The wireless range increased up to two times wider and coverage area reduced the situation of dead spots. "Multiple In, Multiple Out" (MIMO) technology uses signal reflections to increase the range and maintain wireless connections up to five times farther; therefore, with MIMO, AW-NU221 is able to double the data rate up to 150Mbps (none security and WPA/WPA2-AES).

1.2 Features

- USB 2.0 Wireless Adapter
- Compliant with IEEE 802.11n/g/b standard
- 2 antennas to support 1 (Transmit) x 2 (Receive) MIMO technology
- High speed wireless connection up to 300Mbps (For download only, it must connect to the other two Spatial Streams Modulation Access Point)
- High performance and low power consumption
- Enhanced wireless security with 64/128-bit WEP encryption an WPA/WPA2

1.3 Product Review

1.Appearance

Here is the appearance of AW-NU221:



LED indicator:

When the USB wireless adapter is transmitting data through connection, LED indicator will blink.

2. Connection Mode

Infrastructure Mode

Infrastructure mode needs an access point to establish the network, which can provide wireless accesses within valid range for users to communicate with others or transmit data with a wired network. There are several benefits of Infrastructure networking:

- Roaming: a wireless LAN enabled computer can physically move from the operating range of one access point to the other without losing connection. There is a quick association made between new access point and wireless device as the computer traverses from the coverage of one access point to
 another.
- Range Extension: each wireless LAN enabled computer within the range of access point can communicate with other wireless LAN enabled computers within the effective range from the access point.
- Wired to wireless LAN connection: the access point will establish a bridge between wireless LAN and other wired counterparts.



Ad-hoc Mode

The difference between Ad-hoc mode and Infrastructure mode is that Ad-hoc mode does not need the access point or router. When you use this mode, your computer will act as a server within the valid range and connect directly to others in the same LAN workgroup.

It is recommended to choose this mode when there is no access point showed on your wireless network.



Ad-hoc mode

2. Installation

2.1 System Requirements

Before you install AW-NU221, please make sure your system meets the following requirements.

*Desktop or Laptop with USB 1.1/2.0 port *Minimum of 64MB system memory *Operating system: XP/Vista *An optical drive/CD-ROM for utilities and driver installation *20MB Hard Disk spaces

2.2 Hardware Installation

*Find an available USB 1.1/2.0 port on your desktop or laptop. *Plug AW-NU221 wireless USB adapter into USB port of desktop or laptop.

2.3 Operation Range

The operating range of AW-NU221 varies from the working environment. However, this device made improvement on speed and range, which also reduced dead spots in coverage area. AW-NU221 is two times wider than previous wireless products. By default, this USB wireless adapter will automatically adjust the data rate. The transmission speed may vary according to the environment. The closer the wireless stations are the better the signal and transmission speed they will receive.

2.4 Setup: Windows XP OS

Insert the "Driver CD" into the CD-ROM drive in your PC. The installation screen pops up by auto-run. If not, please go to File Manager to find the root directory of the CD-ROM, and double click the "AUTORUN" file icon.



*The contents of the "Driver CD" packed with AW-NU221 are subject to change without notice. Please visit the website of product for updates.

If your computer is running a Windows operating system, it will automatically detect the AW-NU221 after the system boots up and displays a "Found New Hardware Wizard" window. Please click [Cancel] and proceed with the following steps.

Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Can Windows connect to Windows Update to search for software? ○ Yes, this time only ○ Yes, now and every time I connect a device ③ No, not this time
Click Next to continue.



1. Please wait few seconds for setup wizard to prepare installation

2. Please select click [Install] to proceed



3. The Wizard is running installation



4. Please wait few seconds for Wizard to setup



5. Please select your country to continue installation

Australia Australia Bahrain Belarus Belgium Bolivia Brazil	Next	Select Your Country Thailand Turkey United Arab Emirates United Kingdom <u>United States of America.</u> Uruguay Venezuela Yugoslavia	~

6. A dialogue box pops up to ask whether you want to restart computer, please select

Mu	ist Reboot now
S	Setup has finished copying files to your computer. Before you can use the program, you must restart your computer.
S	elect one of the following options and click OK to finish setup.
	Yes, I want to restart my computer now.
	No, I will restart my computer later.
	ОК



7. When it is completed, please click [Finish]

8. When the process is finished, the system will show a message of "Found New Hardware"



2.5 Setup: Windows Vista OS

Please follow the steps to complete installation.

1. Click [Install Driver]



2. Now the Setup Wizard is preparing installation



3. Please click [Install] to proceed



4. The system is process installation



5. When you see this dialogue box, please select your country

^
-
Next
•

6. Please select "**Yes**, **I want to restart my computer now**" to reboot your computer

Must	t Reboot now
Se use	tup has finished copying files to your computer. Before you can e the program, you must restart your computer.
Se	lect one of the following options and click OK to finish setup.
	Yes, I want to restart my computer now.
	No, I will restart my computer later.
	ОК

7. When the setup is completed, please click [Finish]



3. Network Connection

3.1 For Windows XP OS

Please see the following steps to setup network connection for Windows XP.

1. Find the network icon on the desktop shortcut and right-click on it. Choose "View Available Wireless networks"

	Wireless	Networ	k Conn	ection 6		
-	Not conn	ected.	Right-c	ick here	for more	e optio
	EN	2	S 🕹 🛛	খাত 🗸	10):39 Al
				1		
(rent)	000000	1000	ALC: NO		a Kee	rayette
Cha	nge Windows	Firewall s	ettings			
One	n Network Co	nnections				1
opo	Involve Co	nnoccions				
Dee	air					
кер						

2. You will see several options, please select one and click [Connect]



3. Please wait for few seconds to let system connecting to selected wireless network



4. You may need to type the network key when it is required



5. Now the selected wireless network is connected



6. You can check the connection status by clicking **[Status]** in the pop-up dialogue



7. Here is the wireless network connection status

eneral Support	
Connection	
Status:	Acquiring network address
Network:	AzureWave
Duration:	00:01:54
Speed:	150.0 Mbps
Signal Strength:	atti
Activity	-51.4
Sent	- Received
Packets:	9 0
Properties Disabl	e View Wireless Networks

3.2 For Windows Vista OS

Following are the instructions to setup wireless connection for Windows Vista.

1. Right-click on the network icon located on desktop shortcut. When you see the dialogue, please click **[Connect to a network]**



2. Choose wireless network within your range and click [Connect]

Show All	•	4 9
SWRDG	Security-enabled network	llite
Ju bu	Unsecured network	llter
IAPO-G54	Security-enabled network	llte.
		-1

* If selected network is not secure, please choose [Connect anyway]

3. You may need to wait for few seconds when Windows connects to wireless network



4. Now the selected wireless network is connected

Successf	ully connected t	to AzureWave		

5. If you want to see the connection status, please right-click on the Network icon on desktop shortcut and choose "Network and Sharing center"



🖉 🗧 🕷 Network and Inter	net Network and Sharing Center	✓ ⁴ → Search	
Tasks View computers and devices	Network and Sharing Center		
Connect to a network			View full map
Manage wireless networks	A	6	
Set up a connection or network			
Manage network connections	(This computer)	Internet	
Diagnose and repair			
	Not connected		
	Weelers networks are susible		
	Connect to a network		
See also			
Internet Options			

6. Select "Manage network connections" bar

7. If you want to see the connection status, please right-click on the network you choose and select **[Status]**

LAN or High-Speed Internet (1) Vireless Network Connection AzureWave Disable Connect / Disconnect Status Disgnose Bridge Connections Create Shortcut Delete Rename	Name	Status	Device Name	Connectivity	Network Category	Owner	Туре	Phone # or Host Addre.
Vireless Network Connection AzureWave Disable Connect / Disconnect Status Diagnose Bridge Connections Create Shortcut Delete Rename	LAN or H	igh-Speed Interr	net (1)					· · · · · · · · · · · · · · · · · · ·
AzureWave Disable Connect / Disconnect Status Diagnose Bridge Connections Create Shortcut Delete Rename		Wireless Networ 2	k Connection					
Connect / Disconnect Status Diagnose Bridge Connections Create Shortcut Delete Rename	്ഷി	AzureWave	Disable					
Status Diagnose Bridge Connections Create Shortcut Delete Rename			Connect / Di	sconnect				
Bridge Connections Create Shortcut Delete Rename			Status					
Bridge Connections Create Shortcut Delete Rename			Diagnose	-0				
Create Shortcut Delete Rename			Bridge Conne	ections				
Delete Rename			Create Short	cut				
Kename			Delete					
			Kename					
Properties			Properties					

eneral	
Connection	
IPv4 Connectivity:	Internet
IPv6 Connectivity:	Limited
Media State:	Enabled
SSID:	AzureWave
Duration:	00:03:42
Speed:	150.0 Mbps
Signal Quality:	llte
Details Wireless F	Properties
Activity	
Sent	Received
Bytes: 60,071	2,286,765
Properties Pisable	Diagnose

- 4. Setup for Ad-hoc Mode
- 4.1 For Windows XP OS

If you want to choose Ad-hoc mode, please right-click network icon on desktop shortcut and choose "**Open Network Connections**", or go to **[Control Panel]** and double-click "**Network Connection**" icon.





When you see the "**Network Connections**" screen, please follow the steps below to setup Ad-hoc mode.

1. Double-click "Wireless Network USB Adapter" icon to enter its properties

File Edit View Favorites II	us wuvanieu nep	10
🔾 Back * 🐑 * 🤌 🖌	Search 🎼 Folders 🛄 🔹	
Address 🔇 Network Connections		💌 🄁 Go
Network Tasks Image: Create a new connection Image: Create a new connection Image: Create a new connection Image: Change Windows Image: Window	LAN or High-Speed Internet Wreless Network Connection 6 Diable View Available Wireless Networks Stats Properts Propertes Lander State Propertes Lander State Propertes Lander State L	
Connection Other Places Control Panel M Network Places M Documents M Computer		

2. Click "General" tab and double-click the "Internet Protocol (TCP/IP)" item

Connect using:				
₩ 802.11n	USB Wireles	s LAN Card	Config	gure
This connectio	uses the fol	lowing items:		
 ✓ ➡ File ar ✓ ➡ QoS F ✓ ■ Intern 	d Printer Sha ack et Sched st Protocol (T	ring for Micros Juler CP/IP)	oft Networks	<
<				>
Instal		Uninstal	Prope	rties
Description				
Transmission wide area na across diver	Control Proto twork protoci e interconne	ocol/Internet P ol that provide cted networks	rotocol. The de s communicatio	fault n
Show icon i	n notification nen this conn	area when cor rection has limi	nnected ted or no conne	ectivity

3. Choose "**Use the following IP address**:" and type the IP address; then click **[OK]**

ou can get IP settings assigned automatically if your net nis capability. Otherwise, you need to ask your network a ne appropriate IP settings. Obtain an IP address automatically O btain an IP address automatically O use the following IP address: IP address: 192 . 168 . 0 Subnet mask: 255 . 255 . 25 Default gateway: .	vork supports dministrator for . 10 5 . 0
Obtain an IP address automatically Use the following IP address: IP address: IP address: Subnet mask: 255 . 255 . 25 Default gateway:	. 10
Use the following IP address: IP address: IP address: Subnet mask: 255 . 255 . 25 Default gateway: .	. 10
IP address: 192 . 168 . 0 Subnet mask: 255 . 255 . 25 Default gateway:	. 10
Subnet mask: 255 . 255 . 25 Default gateway: .	5.0
Default gateway:	
Obtain DNS server address automatically	
Use the following DNS server addresses:	
Preferred DNS server:	
Alternate DNS server:	
	Advanced.

*Note: the IP address of the other wireless card should be set with the same subnet mask

4. Right-click the "Wireless Network Connection" icon and choose "properties"



5. Select "Wireless Network" tab and choose [Add]

acticidi	ks Advanced
Use Windows to conf	igure my wireless network settings
Available networks:	
To connect to, disconn about wireless network	ect from, or find out more information a in range, click the button below.
	View Wireless Networks
were the second	Move up Move down
Add Re	emove Properties

6. Type "**Network name (SSID)**" and choose "**Data encryption**" if you want to protect the network security

Association	Authentication	Connection	
Network n	ame (SSID):	test	
Wireless	network key		
This net	work requires a ke	y for the following:	
Network	Authentication	Open	~
Data en	cryption	Disabled	~
Network	key:		
Confirm	network key:		
Key inde	x (advanced):	1	
V The	key is provided for	me automatically	
This is access	a computer-to-con points are not use	nputer (ad hoc) network; v ad	vireless

7. When you see the dialogue showing your network is unsecured, please click **[Continue Anyway]**

8. Now your network is in Ad-hoc mode

	eless Networks Ad	vanced
🗹 Use Win	dows to configure my	wireless network settings
Available r	networks:	
To connect about wire	ct to, disconnect from less networks in rang	n, or find out more information ge, click the button below.
		View Wireless Networks
a test p	Automaticj	Move up
Add	. Remove	Properties

4.2 For Windows Vista OS

Please follow the steps to setup Ad-hoc mode for Windows Vista.

1. Right-click the Network icon on desktop shortcut and choose "**Network and Sharing center**"

Disconnect from	
Connect to a network	
Turn on activity animation	3
Turn off notification of new networks	Recycle Bin
Diagnose and repair	
Network and Sharing Center	
- IN 🐨 🚽 🙌 🚾 🗺	📑 🔍 下午 10:01

Network and Inter	net Network and Sharing Center	✓ 4 Search	م
Tasks View computers and devices Connect to a network Manage wireless networks	Network and Sharing Center	- @	View full map
Manage network connections Diagnose and repair	TEST-PC (This computer)	Internet	
	Wireless networks are available. Connect to a network		
See also			
Internet Options			

2. Select "Manage network connections" bar

3. Right-click "Wireless Network Connection" icon to see its properties

				this network device		this connection	
Name	Status	Device Name	Connectivity	Network Category	Owner	Туре	Phone # or Host Addre
802.11n US	B Wireless LAN Car	d (1)					
2	Vireless Network Co	innection					
🗙 📶 🛛	lot connected	Disable					
		Connec	t / Disconnect				
		Diseases					
		Diagnose					
		Bridge C	onnections				
		Create Sh	ortcut				
		Delete					
		Rename					
		Propertie	5 N				
			3				

4. When you see the warning message, please click [Continue]



5. Choose "**Networking**" tab and double-click the "**Internet Protocol Version 4 (TCP/IPv4)**" item

inotinoing		
Connect using:		
🔮 802.11n USB Wire	eless LAN Card	
		Configure
This connection uses the	following items:	configure
Client for Micros	oft Networks	
Wireless Interme	ediate Driver	
QoS Packet Sc	heduler	
File and Printer	Sharing for Microsof	ft Networks
 Internet Protoco 	I Version 6 (TCP/IP	²v6)
Internet Protoco	I Version 4 (TCP/IP	² V4)
 Link-Layer Topo Link-Layer Topo 	logy Discovery Maj	pper I/O Driver
	logy blocovery rich	
Install	Uninstall	Properties
Description		
Transmission Control F	Protocol/Internet Pro	otocol. The default
across diverse interco	nected networks.	communication

6. Choose "**Use the following IP address**" and type the IP address; then click [OK]

General				
You can get IP settings assigned this capability. Otherwise, you n for the appropriate IP settings.	d automatically if your network supports need to ask your network administrator			
Obtain an IP address autor	matically			
Use the following IP address	55:			
IP address:	192.168.0.10			
Subnet mask:	255.255.255.0			
Default gateway:				
Obtain DNS server address	s automatically			
Use the following DNS serv	ver addresses:			
Preferred DNS server:	· · · · ·			
Alternate DNS server:				
	Advanced			

*Note: the IP address of the other wireless card should be set with the same subnet mask

7. Choose "Manage wireless networks" bar

₩ Network and Interr	tet 🕨 Network and Sharing Center	• Search	
Tasks View computers and devices	Network and Sharing Center		
Connect to a network Manage wireless networks	·	0	View full map
Set up a connection or network Manage network connections	TEST-PC (This computer)	Internet	
Diagnose and repair	Not connected		
	Wireless networks are available. Connect to a network		
See also			
Internet Options			

8. Select [Add]

Mar	nage wireless netw	orks that use (Wireless I	Network Connection 2)	
Wind can a	lows tries to connect to t lso add or remove netwo	hese networks in the order liste ork profiles.	d below. To change the order, drag a network	up or down in the list. You
💠 Add	Adapter properties	🤱 Profile types 🚦 Netwo	ork and Sharing Center	6
Networks	you can view and modi	fy (1)		
	Azurewave	Security: WEP	Type: Any supported	Automatically con
-				

9. Choose "Create ad-hoc network"



10. Please click [Next]



11. Enter "**Network name**" and if you want to protect the network security, please choose in "**security type**"; then click **[Next]**

Give your network	k a name and choose security	options
Network name:	test	
Security type:	No authentication (Open)	Help me choose
Security key/Passphrase	2	Display characters
☑ Save this netwo	ork	

12. Now your network is in Ad-hoc mode

	Manually connect to a wireless network	
U		
	The test network is ready to use	
	This network will appear in the list of wireless networks and will stay active until everyone disconnects from it. Give the network name and security key (if any) to people you want to connect to this network.	
	Wireless network name: test	
	Network security key: unsecured	
	To share files, open Network and Sharing Centes in Control Panel and turn on file sharing.	
		Close

5. Regulatory

Europe EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

EN 60 950-1: 2001 +A11: 2004 Safety of Information Technology Equipment

EN50371: (2002-03)

Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz - 300 GHz) -- General public

EN 300 328 V1.6.1 (2004-11)

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

EN 301 489-1 V1.6.1: (2005-09)

Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17 V1.2.1 (2002-08)

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

(€ 0560 ①

Česky [Czech]	[Jméno výrobce] tímto prohlašuje, že tento [typ zařízení] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede [fabrikantens navn] erklærer herved, at følgende udstyr [udstyrets typebetegnelse] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erklärt [Name des Herstellers], dass sich das Gerät [Gerätetyp] in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab [tootja nimi = name of manufacturer] seadme [seadme tüüp = type of equipment] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, [name of manufacturer], declares that this [type of equipment] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente [nombre del fabricante] declara que el [clase de equipo] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [name of manufacturer] ΔΗΛΩΝΕΙ ΟΤΙ [type of equipment] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]	Par la présente [nom du fabricant] déclare que l'appareil [type d'appareil] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano [Italian]	Con la presente [nome del costruttore] dichiara che questo [tipo di apparecchio] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo [name of manufacturer /izgatavotāja nosaukums] deklarē, ka [type of equipment / iekārtas tips] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo [manufacturer name] deklaruoja, kad šis [equipment type] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart [naam van de fabrikant] dat het toestel [type van toestel] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, [isem tal-manifattur], jiddikjara li dan [il-mudel tal-prodott] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, [gyártó neve] nyilatkozom, hogy a [típus] megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym [nazwa producenta] oświadcza, że [nazwa wyrobu] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	[Nome do fabricante] declara que este [tipo de equipamento] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]	[Ime proizvajalca] izjavlja, da je ta [tip opreme] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	[Meno výrobcu] týmto vyhlasuje, že [typ zariadenia] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Lietuvių [Lithuanian]	Šiuo [manufacturer name] deklaruoja, kad šis [equipment type] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Suomi [Finnish]	[Valmistaja = manufacturer] vakuuttaa täten että [type of equipment = laitteen tyyppimerkintä] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar [företag] att denna [utrustningstyp] står l överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.