

# User Guide MW-P150MS

Model No. MW-P150MS

Please install on the PC which must be connected with internet.



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# Introduction

- The USB-type wireless portable gateway that combines a Wireless Router, Access Point(AP)and Wireless LAN Adapter all in one!
- All three of these functions allow the user to truly experience wireless freedom, as well as the convenience of portability.
- Because of its small size, users can virtually carry it wherever they go.
- Conveniently be plugged right into your PC, PDA, or laptop's USB port

# 3-in-1 Wireless Broadband Router

#### 1. Wireless Broadband Router

The Windy31 is highly portable and user friendly, allowing the host to easily connect other surrounding Wi-Fi enabled products, such as laptops, PDAs, and Wi-Fi phones to the internet without the hassle of wires.

#### 2. Wireless LAN Adapter

The Windy31 can conveniently be plugged right into your computer, PDA, or laptop's USB port. You can walk into any café, library, office, school, airport, or any other place that provides wireless internet service, and let the auto-run installation program do the rest.

#### 3. Wireless Access Point (WAP)

The WINDY31 can wirelessly network up to 32 different clients together by being plugged into a single host computer. Manage all your local networks, easily share documents, and best of all, go wireless!

## WINDY31 Characteristics

- Auto-installation without a CD
- Easy mode-changing from LAN/AP/Router
- Convenient User-Interface
- Windows Vista/7 Compatible!

## Scenario I

- If you want to access the internet in a public area such as a Seminar, Trade Show, Library, Hotel, or Airport:
  - Existing : Only a wireless internet service subscriber can use the internet
- **Windy31** : Plug the Windy31 into any computer that is connected to the internet, and you can use the internet service through your laptop

# Scenario II

- If you want to share your internet connection with friends or coworkers without paying for each additional line at a wireless service provided from Airport, Hotel, Conference room, Trade show, etc.
  - Existing : No choice for non-subscribers. You have to pay for each user.
  - **Windy31** : Plug the Windy31 into the subscriber's computer and share the connection with friends and co-workers at no additional cost.



## Windy31 typical Configuration(At Home or Office)

# 1. Features and configuration

# 1.1 Features

### Convenient to use anywhere and anytime

- Portable, slim and compact design to fit in one hand (USB memory stick size)

- The only thing required is internet connected computer, easy and fast internet connection sharing

## Fast installation and easy setting

- Connect Windy31 into computer for auto installation of driver and utility programs (Separate installation CD and driver not necessary)

- Easy GUI-type setting screen

## Speed

-Support Wireless 802.11b(11Mbps) speed

802.11g(54Mbps) speed

802.11n(Max.150Mbps) speed

## Security

- Access control with WEP(64,128 bit) / WPA-PSK / WPA2-PSK(ASE) and MAC address

# **1.2 Configuration**

Please check Windy31 product configurations as shown below.
 Please contact the seller you purchased from immediately if contents of product is damaged or missing.



# **1.3 Product Description**



# **1.4 Installation Requirements**

- Before installing Windy31, Please check whether your computer configuration matches the requirements shown below.
- Intel Pentium IV or above
- 512M bytes system memory or above
- Windows XP/VISTA/7 Operating Systems (Support auto-installation for Windows XP or above)
- USB 1.1 or USB 2.0
- Requires more than 30M bytes of usable hard disk space

# 1.5 Configuration



# 2. Installation Windy31

# 2.1 Usage Precautions

## Checklist before installing

- 1. Please be sure that Windy31 must be inserted to a computer which is connected to Internet.
- 2. Computer to be installed with Windy31 must have more than one LAN Adapter.
- Please check your computer for Virus and Spyware, before installation. Some Viruses and Spywares may interfere with automatic installation of Widny31 driver and utility programs

# 2.2 Windows 7

## Installation

1) Insert Windy31 into USB port of Laptop or Desktop PC and program will automatically run as shown below.



2) After program installation, the following screen will appear one after another in the right-side of Windows Task bar, showing that the USB device acknowledges and is installing Windy31.

![](_page_6_Picture_12.jpeg)

During installation, Windows Security Alert may display "Keep blocking" & "Unlock" popup for security, please select the button "Unlock". (If you select "Keep blocking" blocked, then there will be no network connection.)

Windows 보안 경고 🛛 🕺
Windows 방화벽에서 이 프로그램의 일부 기능을 차단했습니다.
모든 공용 네트워크와 개인 네트워크에서 Windy31 DHCP의 일부 기능이 차단되었습니다.
₩31       0I를(N):       ₩Indy31_DHCE         D       게시자(P):       maverick systems Inc,         경로(H):       C:#program files\#windy31_11_manager\#common         ₩windy31dhcp,exe         CHE 네트워크에서 Windy31 DHCP의 통신 허용:         ☞ 홈 네트워크, 회사 네트워크 등의 개인 네트워크(R)         프 공항, 커피스 등의 공용 네트워크(U)(공용 네트워크는 본안 수준이 낮거나         프 공항, 거피스 등의 공용 네트워크(N)
<u>방화벽을 통한 프로그램 액세스 허용의 위험성</u> 역세스 허용(A) 취소

2) Please wait until "Windy31 Gateway Manager" window appears, "Windy31 setting inprogress" and "setting complete" windows are displayed as shown below. This process will take some minutes as it is installing the Windy31 Gateway.(Installation time may differ according to computer configuration)

y Windy31 GW 입니거 환경물장 설정 [참근 2404] 장보   SSID [Windy31-CC MCS Auto ] Chan	× U저 환경설정 X
무건 모드         40 MHz	보안설정 거 정보   
비전 (mo) 100 전승간도 100 Whoty11 Enabler (8가/시간(60~5000)초 설정 운 입니다. 장시 만기다려 주십시요. 78	목성 Wil2     -      -     -     -     <
□ 무선 물건이언트로 포위핑 되지 않습니다. □ SSID 숨기가 조기값 적용 보였지 아입티 경역	현카드 모드 1000초 Windy31 GW 23 100 설정이 완료되었습니다
	확인         확인           다 무선 클라이언트로 포워딩 되지 않습니다.            다 SSID 숨기기
	초기값 적용 브릿지 어댑터 선택 랜카드 모드
	<u>확인</u>

3) In Step 3, After "Program has been successfully installed" appears, click "OK". Then, Windy31 has completed installation.

Connection method may differ according to Wireless LAN device, please refer to Wireless LAN usage method. (For wireless device usage method, please refer to wireless device product manual or please contact the provider.)

# 2.3 Windows VISTA

#### Installation

1) Insert Windy31 into USB port of Laptop or Desktop PC and program will automatically run as shown below

![](_page_8_Picture_4.jpeg)

2) After program installation, the following screen will appear one after another in the right-side of Windows Task bar, showing that the USB device acknowledges and is installing Windy31.

![](_page_8_Figure_6.jpeg)

During installation, Windows Security Alert may display "Keep blocking" & "Unblock" popup for security, please select the button "unblock".

(If you select "keep blocking" blocked, then there will be no network connection.)

🔗 Wind	lows Security Alert	8
۲	Windows Firew	all has blocked some features of this program
Window unblock <u>risks of</u>	s Firewall has blocked th this program, it will be u unblocking a program?	is program from accepting incoming network connections. If you nblocked on all public networks that you connect to. <u>What are the</u>
W31	Name:	Windy31 DHCP
D	Publisher:	maverick systems Inc.
	Path:	C: \program files \windy31_manager \common \windy31dhcp.ex
	Network location:	Public network
		What are network locations?
-		
		Keep blocking Unblock

3) Please wait until "Windy31 Gateway Manager" window appears, "Windy31 setting inprogress" and "setting complete" windows are displayed as shown below. This process will take some minutes as it is installing the Windy31 Gateway.

(Installation time may differ according to computer configuration)

SSID Wind	y31-22	<- Use Mac Addres	s	Security S	etting
Channei  2	· ·	-			
Beacon (ms)	10	0 MAC Address	AID	Pow	Status
Idle time(60 - 3600)(s)	30		_		
☐ No forwarding ar ☐ Hide SSID	Windy31 Enabler Please, wait a mome	nt for setting.	52		
☐ No forwarding at ☐ Hide SSID	Windy31 Enabler Please, wait a mome	nt for setting.	52		

4) In Step 3, After "Program has been successfully installed" appears, click "OK". Then, Windy31 has completed installation.

	Sonadi   7 Bodi				
SSID Channel	Windy31-22	•	<- Use Mac Address	Security	Setting
Beacon (ms) TX Power	Windy31 GW	100	MAC Address	AID Pow	Status
Idle time(60 - 3	Prog	yram has bee	n successfully install	ed.	
Hide SSID			C	к	
			-		
			-		

Connection method may differ according to Wireless LAN device, please refer to Wireless LAN usage method. (For wireless device usage method, please refer to wireless device product manual or please contact the provider.)

## 2.4 Windows XP

#### Installation

1) Insert Windy31 into USB port of Laptop or Desktop PC and program will automatically run as shown below.

![](_page_10_Picture_4.jpeg)

2) After program installation, the following screen will appear one after another in the right-side of Windows Task bar, showing that the USB device acknowledges and is installing Windy31.

![](_page_10_Figure_6.jpeg)

During installation, Windows Security Alert may display "Keep blocking" & "Unblock" pop-up for security, please select the button "unblock". (If you select "keep blocking" blocked, then there will be no network connection.)

![](_page_10_Picture_8.jpeg)

- 3) Please wait until "Windy31 Gateway Manager" window appears, "Windy31 setting inprogress" and "setting complete" windows are displayed as shown below. This process will take some minutes as it is installing the Windy31 Gateway.
  - (Installation time may differ according to computer configuration)

SSID	Windy31-ED		<- Use Mac A	ddress		Security	Setting
Wireless Mode	802.11 B/G Mixed	• 1	KRate: A	uto	• CI	hannel	2
- Country Region C 11 B/G 1:	Code CH1-13	•	MAC Address	s	AID	Pow	Status
Zassan	In course c	fineta	lling plassa	wait			
Beacon TX Powe	In course c	of insta	lling, please	wait			
Beacon TX Powe Idle time(60 - 3600)	In course o	of insta	lling, please	wait			
Beacon TX Powe Idle time(60 - 3600) No forwarding 4 Hide SSID	In course o	of insta	ling, please	wait			

4) In Step 3, After "Program has been successfully installed" appears, click "OK". Then, Windy31 has completed installation.

SSID	Windy31-ED	<- Use Mac Addres	s	Security	Setting
Wireless Mode	802.11 B/G Mixed 💌	TX Rate : Auto	• 0	hannel	2
Country Region 0	Code				
11 B/G 1:	CH1-13 💌	MAC Address	AID	Pow	Statu
Wireless Protectior Beacon (ms) TX Power Idle time(60 - 3600)	n Program h	ok OK	alled.		
Wireless Protection Beacon (ms) TX Power Idle time(60 - 3600)	n Program h	OK	alled.		
Wireless Protection Beacon (ms) TX Power Idle time(60 - 3600) □ No forwarding a □ Hide SSID	among wireless clients	OK	alled.		

Connection method may differ according to Wireless LAN device, please refer to Wireless LAN usage method. (For wireless device usage method, please refer to wireless device product manual or please contact the provider.)

# 3. Windy31 Manage Setting

# 3.1 Windy31 Gateway Manager setting

• Screen shown below is Windy31 Gateway Manager Setting screen.

For more information, Please refer to our website [www.windy31.com]

Config
Image: State of the state
① SSID : Name to be used in wireless(Default is Windy31-XX)
② MCS: Assign 11n data transmission speed
③ Channel : Assign wireless channel, automatically.
④ Wireless Mode: Assign wireless LAN mode (802.11b=11Mbps/802.11g=54Mbps)
(5) Use Mac address : Assign SSID as MAC address.
6 Security Settings : Assign wireless security settings
(Please refer to the installation guide for more details)
⑦ Area(Country code): Assign channel range used by each countries.
(8) Wireless LAN connection list : List of wireless device's MAC address connected to Windy31.
③ Bridge adapter : Allow Internet-connected network card change
<sup>10</sup> Switch to LAN card mode : Button to use Windy31 as LAN Adapter.
(In LAN Adapter mode, Windy31 Gateway functions cannot be used)

#### **Access Control**

#### Internet access by other users can be controlled in "Access Control" menu of Windy31 Gateway below.

접근정책	비활성화		-	Access Policy	I	Disable	•
MAC 주소	목록			MAC Address		Access List	
	추가			1			
	삭제				Add		
	모두 삭제				Delete		
					Remove All		
	1	저요					
							Apply

1 Disable : Disable Access Policy.

② Allow All : All the Mac addresses access to the internet listed in the table can be accessed to the internet.

③ Reject All : All the Mac addresses listed in the table can not be accessed to the internet.

#### About

Windy3: 설정   :	LGW 매니저 환경설: 접근 제어 정보	8			Windy31 Gateway	ut		
	Copyright (c)2010 ,	Maverick System I	www.windy31.co.kr nc., All Rights Reserve	d.		www.w	indy31.co.kr	
	프로그램 버전:	1, 0, 5, 4	일자:	04-12-2010	Copyrigin (C)2007 , M	avenuk system mu	., Air nights neserveu.	
	드라이버 버전:	2, 3, 9, 0	일자:	11-16-2009	Utility Version :	1.2.1.1	Date :	11-21-2007
	EEPROM 버젼:	1,4	펌웨어 버전:	0,22	Driver Version :	1.2.3.0	Date :	10.01-2007
	IP Address :	192, 168, 33, 1	주소:	00-1F-1F-2B-B1-CC	EEPROM Version :	1.4	Firmware Version :	2.1
	Sub Mask :	255, 255, 255, 0	Default Gateway :	0, 0, 0, 0	IP Address :	192.168.33.1	Phy_Address :	00-0E-2E-EF-9C-D9
					Sub Mask :	255.255.255.0	Default Gateway :	
					Auto Update	Version: 1.2.0.15	20071120	

Click "Auto Update", to confirm that you are using the latest software. If you are currently using the old software, the software update will be appeared.

# 3.2 Wireless LAN Adapter setting

#### WINDOWS VISTA/7

How to configure PC setting for using Windy31 as Wireless LAN Adapter. Router Mode(GW-mode) when changing modes in GW Gateway window manager "switch to LAN Card Mode" button should be.

For more information, please refer to our website [www.windy31.com]

- Wireless LAN connection Scan AP 7 Select AP Add to Profile Profile 2 Δ Select profile 6 OK х Windy31 매니저 환경설정 프로필 <sup>4</sup>P검색 통계 |링크 상태 고급 |QoS |WPS 환경설정 정보 | SSID BSSID Phy 신호 🔺 채... 암호화 인증 네트워크 유형 알려지지 ... 00-1F-1F-4C-B7-1C N 81% 없음 내부구조 2 00-1F-1F-4C-B7-1D TKIP N 81% WPA-PSK 내부구조 (1)알려지지 ... 00-08-9F-52-AA-DC N ibleaders 76% Б WEP 내부구소 알려지지 ... 00-17-59-EF-93-40 91% 7 WEP 내부구조 G 00-11-5C-F9-D3-F0 G 100% 11 WEP 알려지지 ... 내부구조 연결 검색 ( 🤉 프로필 추가하기  $\bigcirc$ 링크 품질: 🔲 dBm format 신호 강도: G₩ 모드 전환 6 확인
  - ① Select AP as connection mode from AP list
  - 2 Rescan : Scan Wireless AP
  - (3) Connect : Connect to selected AP with wireless
  - ④ Add to Profile : Add the selected AP to Profile
  - (5) Switch to Gateway mode : Switch to Windy31 Wireless Router mode

#### > WINDOWS XP

 How to configure PC setting for using Windy31 as Wireless LAN Adapter. Router Mode(GW-mode) when changing modes in GW Gateway window manager "switch to LAN Card Mode" button should be.

For more information, please refer to our website [www.windy31.com]

#### Wireless LAN connection

![](_page_15_Figure_5.jpeg)

#### Site Survey

3310	BSSID		Sig	C	Encrypt	Authent	Network T
	00-		10	1	WEP	Unknown	Infrastruct.
	00-		65%	4	WEP	Unknown	Infrastruct.
U	00.		60%	7	None	Unknown	Infrastruct.
<u>6</u>	00-		10	6	None	Unknown	Infrastruct.
No. or a	00-		10	12	TKIP	WPA-P	Infrastruct.
	00-		10	12	WEP	Unknown	Infrastruct.
	00-		70%	1	None	Unknown	Infrastruct.
<		2			3	(4)	3
Connected <>			Resca	n	Conn	ect A	dd to Profile
	Good	100%	8				
Link Quality :							
	Good	1005	~			Γd	Bm format
Signal Strength				П			

- ① Select AP as connection mode from AP list
- 2 Rescan: Scan Wireless AP
- (3) Connect : Connect to selected AP with wireless
- ④ Add to Profile : Add the selected AP to Profile
- (5) Switch to Gateway mode : Switch to Windy31 Wireless Router mode

![](_page_16_Figure_1.jpeg)

#### Link Status

• Link Status dialog below shows wireless specific connection

🍸 Windy31 Mana	ger 🛛 🔀
Site Survey Profile	Statistics Link Status Advanced QoS WPS Configuration About
Status :	
Extra Info :	Link is Up [TxPower:100%]
Channel:	6 <> 2437 MHz
Link Speed :	Tx (Mbps) 54.0 Rx (Mbps) 1.0
Throughput :	Tx (Kbps) 0.0 Rx (Kbps) 15.4
Link Durahu -	Good 100%
Link Quary.	Good 100% dBm
Signal Strength:	
Noise Level ·	Normal 70%
For more information, Please refer t	o our website [www.windy31.com]

# 4. Optional Configuration

# 4.1 Wireless LAN connection in Windows VISTA/7

- To use wireless LAN service, Wireless LAN Adapter must be installed in your computer.
- Wireless LAN connection program(WLAN Autoconfig) is embedded in Windows VISTA.
- If wireless service is disabled, wireless LAN cannot be used.
- Please refer to Windows VISTA user manual for further information on wireless LAN Autoconfig.

Please refer to the product manual of Wireless LAN Adapter purchased or contact Wireless LAN Adapter manufacturers/sales representatives for installing user's wireless LAN Adapter or application program.

### Optional Connection

![](_page_17_Picture_9.jpeg)

Connect		
Manually connect to a wireless network		
How do you want to add a network?		
This shows you a list of network that is in range of this comput This shows you a list of networks that are currently available to one. Once you connect, a profile for the network is saved	er and lets you connect on your computer.	
Manually create a network profile This creates a new network profile or locates an existing net for the network on your computer. You need to know the n security key (if applicable).	work and saves a profile etwork name (SSID) and	
Create an ad hoc network This creates a temporary network for sharing files or an Inte	net connection	
	Cancel	
Manually connect to a wireless network		
Select a network to connect to		
Select a network to connect to Show All	(4 <sub>7</sub> )	
Manually connect to a wireless network  Select a network to connect to  Show All  Windy31-F9 Unsecured network	<del>رب</del> م الالتو	
Manually connect to a wireless network  Select a network to connect to  Show All  Windy31-F9 Unsecured network  Windy31-F6 Unsecured network	ج» م الدو الدو	
Manually connect to a wireless network  Select a network to connect to  Show All  Windy31-F9 Unsecured network  Windy31-F6 Unsecured network  Unsecured network	<del>رک</del> الدد الدد الدد	
Manually connect to a wireless network  Select a network to connect to  Show All  Windy31-F9 Unsecured network  Windy31-F6 Unsecured network  Unnamed Network Unsecured network	  	
Manually connect to a wireless network  Select a network to connect to  Show All      Windy31-F9 Unsecured network      Windy31-F6 Unsecured network      Unnamed Network Unsecured network      Set up a connection or network  Open Network and Sharing Center	eð Liter Itter Itter V	
Manually connect to a wireless network  Select a network to connect to      how All      Windy31-F9 Unsecured network      Windy31-F6 Unsecured network      Unnamed Network Unsecured network      Set up a connection or network Open Network and Sharing Center	(f) isla	
Manually connect to a wireless network  Select a network to connect to  Show All  Windy31-F9 Unsecured network  Windy31-F6 Unsecured network  Unnamed Network Unsecured network  Set up a connection or network Open Network and Sharing Center	est est est est est est est est	
Manually connect to a wireless network   Select a network to connect to   Show   All   Windy31-F9   Unsecured network   Windy31-F6   Unsecured network   Unnamed Network   Unsecured network   Unnamed Network   Unsecured network   Set up a connection or network Open Network and Sharing Center   Manually connect to a wireless network	fy ill ill ill ill ill ill ill il	
Manually connect to a wireless network   Select a network to connect to   Show   All   Image: Windy31-F9   Unsecured network   Image: Windy31-F6   Unsecured network   Image: Unnamed Network   Unnection or network   Open Network and Sharing Center     Image: Image: Manually connect to a wireless network   Successfully connected to Windy31-F9	for all all all all all all all all all al	
Manually connect to a wireless network   Select a network to connect to   Show   All   Image: Windy31-F9   Unsecured network   Image: Windy31-F6   Unsecured network   Image: Unnamed Network   Unnamed Network   Unnamed Network   Unsecured network   Image: Unnamed Network	Image: Connect       Cancel	

- "Successfully connected to Windy31-xx." message appears and check box "Save this network" saved then, click "Close" button to complete wireless network connection.

![](_page_19_Picture_1.jpeg)

- If the message "This computer is connected to Unidentified network" appears, click "Addition" button in wireless network management and check the following service item.

![](_page_19_Picture_3.jpeg)

Start	 <b>Control Panel</b>	 Administrative Tools	->	Service	 WLAN Autoconfig
					0

I originate fill them				the second s	_
Vorite Links Documents Pictures Music More Desktop Administrator Public Computer Network Control Panel Administrative Tox Administrative Tox Administrative Tox Control Panel Administrative Tox Control Panel Contr	Name Computer Management Data Sources (ODBC) Event Viewer SiSCSI Initiator Coal Security Policy Memory Diagnostics T Print Management Reliability and Perform Services System Configuration Task Scheduler Windows Firewall with	Date modified 11/2/2006 5:53 AM 11/2/2006 5:52 AM 11/2/2006 5:53 AM 11/2/2006 5:51 AM 11/2/2006 5:51 AM 11/2/2006 5:51 AM 11/2/2006 5:51 AM 11/2/2006 5:51 AM 11/2/2006 5:52 AM 11/2/2006 5:52 AM	Type Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut	Size 2 KB 2 KB	
<ul> <li>Default Programs</li> <li>Ease of Access Cer</li> <li>Fonts</li> <li>Network and Shari</li> <li>Parental Controls</li> </ul>					

- Confirm whether service has begun normally after the selection of "WLAN Autoconfig" in services (Local).

# 4.2 Directly input IP Address Start Control Panel → Network and Internet Connection → Networks Connections → Wireless Network Connection → Internet Protocol(TCP/IP) → Properties

- Select Wireless Network Connection, click right-side of mouse to select properties.

S Network Connections		
File Edit View Favorites Tools Advanced Help		<b>R</b> .
🔇 Back 🔹 🕥 🕤 🏂 🔎 Search 🌔 Folders 🛄 -		
Address SNetwork Connections	×	🔁 Go
Network Tasks	Reconnection 5	
Create a new connection	Disable DOMb Fast Ether	
Set up a home or small office network	View Available Wireless Networks Status	
Change Windows Firewall settings	Repair	
(m) View available wireless networks	Bridge Connections	
Oisable this network	Create Shortcut Delete	
Repair this connection	Rename	
Rename this connection	Properties	
View status of this connection		
Change settings of this connection		
Other Places		
Control Panel		
My Network Places		
Wy Computer		
Details 🌸 🗸		

General	Wireless Network	Connection 5 Pro	perties 🕜 🔀
Connec	t using:		
	)RiNOCO 802.1	15 USB	Configure
This c <u>o</u>	nnection uses t	he following items:	
	QoS Packet S AEGIS Protoc Internet Proto	Scheduler ol (IEEE 802.1x) v3.5.3 col (TCP/IP)	.0
<			
( i	<u>n</u> stall	<u>U</u> ninstall	P <u>r</u> operties
Desci	iption		9
Tran: wide acro:	smission Contro area network p ss diverse interc	l Protocol/Internet Proto rotocol that provides co connected networks.	ocol. The default ommunication
	w icon in notific	ation area when conne	cted or no connectivity
🗹 Shoj 🔽 Noti	iy <u>m</u> e when this		

- In Internet Protocol(TCP/IP) Properties, select "Use the following IP Address(S)", then directly input IP address.
  - **IP Address :** IP address which used in Windy31, is inbetween the following IP range 192.168.33.2 to 192.168.33.254.
  - Subnet Mask : Windy31 uses C-class by default.(255.255.255.0)
  - Default gateway: Windy31 uses Default gateway.(192.168.33.1)

u can get IP settings assigned a s capability. Otherwise, you nee a appropriate IP settings.	automatically if your network supports d to ask your network administrator for atically
Use the following IP address	]
 IP address:	192 . 168 . 33 . XX
S <u>u</u> bnet mask:	255 . 255 . 255 . 0
<u>D</u> efault gateway:	192.168.33.1
) Obtain DNS server address (	automatically
Use the following DNS serve	er addresses:
Preferred DNS server:	192.168.33.1
<u>A</u> lternate DNS server:	

# 5. Trouble Shootings

#### Checklist before installing - page 7

1. There is no response and no action after connecting Windy31.

→ First, disconnect and reconnect Windy31 to another USB port or another Computer, If there is no response, please contact our Tech-support engineer.

- 2. Windy31 is detected but not installed.
  - Please install with "Windy31install.exe" file which is in the virtual CD-ROM Drive (Explorer in the your computer)
- Cannot detect virtual CD-ROM Drive and process further at storage device detection
  - Remove storage device from device management, rescan hardware detection, and then re-install. If you get same problem, please check USB port.
- 4. At Installation, Windy31 enabler dialog doesn't show, install as LAN Adapter mode promptly.
  - Check service status in the windows service category WMI(Windows Management Instrumentation). If there is problem in WMI, Windy31 can't be configured in the Windows service. Please check your computer, below.
    - \* Control Panel -> Administrative Tools -> Service and Application -> Check WMI control status run correctly.
- 5. In occurrence of Internal Connection Error Code 80040201 the ensuing problem is that no IP address gets stored in Windy31 adapter.

![](_page_22_Picture_13.jpeg)

- →1. Having computer re-boot and type any random IP address into Windy31 and see whether it gets stored. (to be done by windy31 manager program information).
  - 2. Confirming IP address stored, check whether WIndowsICS gets on running. Getting into 'Local Network Property→ Advanced', select Internet Sharing (select wireless network (windy31))

🚣 Local	Area Conn	ection Properties		? 🗙
General	Advanced			
- Wind Prote or pre	ows Firewall ct my comput wenting acce	er and network by limiting ss to this computer from	Settings.	
Intern	ternet et Connectior	n Sharing	uab this	
	omputer's Inte	rnet connection	able the	
Lean Shar	ared Internet	connection	Settings.	
lf you're the <u>Net</u>	not sure how work Setup V	v to set these properties, u <u>/izard</u> instead.	se	
		OK		ancel

At this time, the IP address of wireless network (Windy31) as shared is to be set as 192.168.0.1

3. If sharing setting runs properly, off with sharing and do GW mode transfer.

4. If IP address fails to be stored, uninstall Windy31 and further locate Windy31 in registry and completely remove it, and then try to re-install.

- 6. Windy31 is installed completely, but try to connect to Windy31 from another wir eless device, connection is blocked and connection is not established.
  - You can see this message if windy31 is installed at personal firewall software operating computer.(Such as, Zone Alarm, McAfee Personal Firewall, My Firewall, Sygate Personal Firewall, Etc.)
  - ➔ Re-connect it after temporary deactivation of firewall program.

\* To allow internet connection in firewall software program, refer to the Instruction Guide and Manual.

- 7. Internet doesn't work at wireless client's computer even it is connected to Windy31.
  - ➔ Please check IP Address of wireless client
  - → "Start"->"Run"->type "cmd"->type "ipconfig/all" then you can see IP address of wireless client. It must be 192.168.33.xxx

- 8. Wireless client can't get IP address even you unblocked firewall and security setting.
  - → You must directly input IP address. Please refer to the Installation Guide, "Directly input IP address, page 27,28.
- 9. You can't use internet at wireless client's for long time, if host computer goes to power saving mode
  - $\rightarrow$  1. Do not use power saving mode at host computer.
  - $\rightarrow$  2. Or reconnect the Windy31 to the host computer.
- 10. You can't see the Installation complete message, after occurring internal error, Switching to LAN adapter mode
  - ➔ In Wireless LAN Adapter mode, click "Switch to Gateway mode" button, if "Switch to Gateway mode" is not switched, reinstall it again.
- 11. Computer which has been connected with Windy31, gets short of speed or stops acting.
- 1) Where program of Nero InCD/ DVD Ram Driver has been installed, Conflict with this program causes the problem.

→ It is needed to uninstall the above program, reboot and proceed with the installation.

- 12. No further process goes on after installation of Windy31 program.
  - 1) It occurs firstly after installation
    - → It appears as error in Windy31 Image file, and redoing with firmware is required.
  - 2) When rebooting computer or during its operation, no response follows after recognition of USB device

 $\rightarrow$  Check in Device Driver to find out whether Windy31 is in enabled position.

Disabled position being found as shown in the picture below, change it to Enabled by clicking right button of mouse.

B Device Manager	
File Action View Help	
← → 📧 🖆 😫 😫 🗮 🗶 🧶	
<ul> <li>Mice and other pointing devices</li> <li>Image Monitors</li> </ul>	~
🖻 🕮 Network adapters	<u> </u>
Update Driver	~
Enables the selection Uninstall	

Picture below shows the enabled position of Windy31.

🚇 Device Manager	
File Action View Help	
Mice and other pointing devices	~
🔁 😼 Monitors	
(Windy31)MWP54SS IEEE 802.11b+g USB Adapter #7	
III VIA PCI 10/100Mb Fast Ethernet Adapter	~

- 13. Computer being re-boot, Windy31 GW Manager program would not work.
  - 1) If, as shown below, it is after recognition of USB device that Windy31 GW Manager does not work

![](_page_25_Picture_5.jpeg)

[Solution] The status is stoppage with CD-ROM. Open My Computer and have CD-ROM run.

2) If, as shown below, setting screen does not appear even after recognition of USB device and running of Windy31 manager

![](_page_25_Picture_8.jpeg)

[Solution] It's acting at LAN card mode. Click icon,

at Windy31 Manager setting menu click GW mode and do with mode transfer.

If WINdy31 Manager Program would not run, force the file of windy31 GW.exe presently running to end from processor and re-execute.

Means to end processor: Simultaneously press the three keys of Ctrl + Alt + Del, and select processor at Task Manager and locate Windy31GW.exe to select and close it by clicking processor close.

- \*\* Windy31 setting (Windy31 Enabler) screen would not stop. (Problem lies with inability to store change of IP address and it is needed to check malware or virus after which Windy31 program is to be removed and re-installed.) 1) If, in the course of Windy31 Enabler running, no further step progresses at ~4-X, there may be network problem with computer connected to Windy31, and it is needed to check malware or virus with the relevant computer and re-install. 2) If, in the course of Windy31 Enabler running, no further step progresses at 5X, problem lies with inability to change IP address in internet connection adapter of HOST PC. IP change may be blocked by firewall program as installed, and in the absence of firewall please try to re-install after checking with malware or virus. 3) If, in the course of Windy31 Enabler running, no further step progresses at 6X, the problem may have occurred from settings of Windows Firewall or File Sharing, and it is needed to check with Windows network status. Further it causes the error of 80040201. It is needed to check HOST PC computer and network status. 4) If, in the course of Windy31 Enabler running, it stops at 7X~8X, the problem lies with inability to change IP address in Windy31, and it is needed to force the processor Windy31 Enabler.exe to end and re-install Windy31.
  - \* Means to confirm IP address of Client PC connected to Windy31 (arp –a command input) It can be confirmed that IP (192.168.33.2) address of Client PC is connected to Windy31 IP (192.168.33.1)

![](_page_26_Picture_3.jpeg)

- If you have any problem, please visit at Windy31 website (www.windy31.com) and check Q&A in details customer support section.
- Official Website (www.windy31.com) provides the Windy31 User with the Remote Control Service for the accurate trouble shootings.

![](_page_27_Picture_0.jpeg)

TEL : +82 - 70 - 7018 - 0245 FAX: +82-2082-1590 Homepage: <u>www.windy31.com</u>

Maverick Systems Inc.

#### **Federal Communication Commission Interference Statement**

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 con-nected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution:** To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. 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

including interference that may cause undesired operation

#### **IMPORTANT NOTE:**

#### FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOIDTHE USER S AUTHORITY TO OPERATE THE EQUIPMENT.

#### **IMPORTANT Safety Instruction:**

#### CAUTION

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside, refer servicing to qualified personnel.

![](_page_29_Picture_3.jpeg)

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of sock.

![](_page_29_Picture_5.jpeg)

This symbol, wherever it appears, alerts you to the important operating and maintenance instructions in the accompanying literature. Please read the manual.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this equipment near water.

6) Do not using near any heat sources such as radiators, heat resisters, stove, or other equipment that produce heat.

#### CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

### **European Union Regulatory Notice**

Compliance with these directives implies conformity to harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family. This compliance is indicated by the following conformity marking placed on the product.

# **CE**①

# The wireless telecommunications functionality of this product may be used in the following EU and EFTA countries:

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom,

#### Products with 2.4-GHz wireless devices France

Outdoor use limited to 10mW e.i.r.p within the band 2454-2483.5 MHz

#### CE RF Radiation Exposure Statement:

**Caution** This equipment complies with European RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

![](_page_31_Picture_0.jpeg)

E-Mail: jjung629@mavericksys

Tel.: 82-70-7018-0250 Fax.: 82-2-2082-1590

# Declaration of conformity

We, Maverick Systems, Inc.

908, Daerungposttower 2(i)-cha, 182-13 Guro-dong Guro-gu, Seoul 152-790

Declares under our own responsibility that the product

#### Product Description: Wireless LAN GW(Wireless LAN USB Dongle) Model Number: MW-P150MS

To which this declaration refers conforms with the relevant standards or other standardizing documents

Art.3.1.a)

EN 60950-1:2006 +A1:2010

Art.3.1.b) EN 301 489-1 V1.8.1 Part 1 EN 301 489-17 V1.3.2 Part 17 EN55022:2006 +A1:2007 EN55024:1998 +A1:2001+A2:2003 EN61000-3-2:2006 EN61000-3-3:1995+A1:2001+A2:2005

Art.3.2)EN 300 328 V1.7.1According to the regulations in Directive 1999/5/EC R&TTE Directive.

Data : 2010 - 06 - 01

sign

Name and position [young-youl choi / CEO]

Always Customer First !