# Wireless LAN Card (AirGate2000C)





```
1.
1.1
1.2
1.3
1.4
1.5
1.6
2.
2.1
          98/ME/2000/XP
2.2
2.3 Wireless LAN
2.4
3.
                                    / 가
3.1 Microsoft
3.2 NetBEUI
               / 가
3.3 TCP/IP
              / 가
                                              / 가
3.4 Microsoft
3.5
              ,
4. PDA
4.1 Active Sync
4.2
                                -PC
                                        Setup
4.3
                                -PDA
                                         Setup
4.4
4.5
4.6 Network Card Connection
5.
    А
```





1

CF

가 , . , .

가 DC 3.3V/5V CF . CF .

- 1. . 2. . 3. .
- 4. . 5.
- 6. .
- 6.







# 1.1

- 1. CF Card
- 2. CD
- 3. Quick Installation Guide

## 1.2

CF type 1					PCMCIA
가	· .	LED가	Diversity	가	•
1.	Diversity	()			
2.	LED (	)			
	- Peer to Peer:				
	- Access Point	t:			
	- Disable , Sca	anning :			

## 1.3

#### CF Card

- 1. CF Type 1 가 , PC/AT 가
- 2. Windows 98/ME/2K/XP, WIN CE 3.0
- 3. 1.3M bytes

#### 1.4

11Mbps	가
(Long Range CF Card )	
IEEE 802.11b	802.11b
(11, 5.5, 2, 1Mbps)	throughput, ,
64/128 WEP	throughput
600/1200 (	가
, Long Range CF Card )	
Plug & Play	







# Wireless LAN . Wireless LAN . 가 1. 가 가 , 2. , , , 3. 가 4. , 5. SOHO SOHO 6. Ethernet Ethernet 7. 8. , 1.6 CF Card 가 • 1. SOHO Ad-Hoc ( ) 2. LAN Infrastructure 3. 56K/ISDN TA/Cable/DSL Modem IP

#### Ad-Hoc ( ) CF Card 가 . ( **1-6-1**) Ad-Hoc 가 Access Point가 가 .























가



1-6-3 Single AP Bridge





1-6-4 Multiple-AP and roaming

Wireless	IP			
Infrastructure		AP가		IP
			,	



.

AP

,







1-6-5 Wireless router and IP Sharing







#### 2

CF Card

98/ME/2000/XP

.

CF type , CF Adapter

## 2-1 98/ME/2000/XP

98/ME/2000/XP CD

.

가 .

98/ME/2000/XP CD

C:/WINDOWS/OPTIONS/CABS

: , Wireless LAN CF Card

#### Wireless CF Card

- 1.
- 2. Wireless LAN CF Card가
- 3. Wireless LAN Installation CD CD-ROM

- Software Install	_
Windows 98/ME/2K/XP Setup	
Windows CE Setup (PDA users)	
KTNESPOT	
KT NESPOT Oneclick Setup	J
User's Manual	-
 AirGate2000N/U/C Manual	1









4.	2-1	-1	,				
			,	RUN		, CD-ROM	
	AirGateS	tart.exe					
5.			softwar	e Install	Windows	98/ME/2K/XP \$	Setup
		. Wireless	LAN CF Card	Window	vs	;	가
6	고	W/in	dowe 98				
0. 7		VVIII					
7.							
8.	가		CF Card			•	
9.	Windows	XP	Winde	ows XP가			
	Wir	ndows XP			off	. – Window	vs XP
10.	.IP ,		, Gatewa	ay, DNS			가
			3				
Window	vs XP						
Windo	ws XP	OS				,	Windows
XP			Off				
1.	→ -	<b>&gt;</b>	<b>→</b>				

무선 네트워크에 연결 🛛 🔹 🔀
다음 네트워크를 사용할 수 있습니다. 네트워크에 액세스하려면 목록 에서 네트워크를 선택한 다음 [연결]을 클릭하십시오. 사용할 수 있는 네트워크( <u>N</u> ):
👔 Master 🔼
📕 passport 📃
k SSID
이 네트워크에는 네트워크 키(WEP)를 사용해야 합니다. 이 네트워크 에 액세스하려면 키를 입력한 다음 [연결]을 클릭하십시오,
네트워크 키(K):
네트워크에 연결하는 데 문제가 있으면 [고급]을 클릭하십시오.
고급( <u>A</u> ) 연결( <u>C</u> ) 취소









"

.

## 2. Windows

∔ 무선 네트위크 연결 속성	? 🔀
일반 무선네트워크 인증 고급	
□(Windows에서 무선 네트워크 구성( <u>W</u> )	
· 사용할 수 있는 네트워크(N): 사용할 수 있는 네트워크에 연결하려면 [구성]을 물	탁하십시오.
1 Master	구성(요)
1 ssid	i로 고칩(Ĕ)
· 기본 설정 네트워크(P):- 아래 나열된 순서대로 사용할 수 있는 네트워크에 7	·동으로 연결:
4	I로 이동(U)
0	레로 이동(D)
추가(쇼) 제가(৪) 속성(①)	
<u>물선 네트워크 구성</u> 볼 실접하는 것에 대해 알아봅니다.	2≣(⊻)
확인	<u>취소</u>

2-1-3

3.

. "IEEE 802.1X



2-1-4







#### Wireless CF Card



#### 2-1-5

5.			•							
AirGa	te Wir	eless L <i>i</i>	AN Driver	×						
Air	AirGate Wireless LAN Driver has been successfully uninstalled from your machi									
	·····································									
			2-1-6							
6.		가								
7.										
8.			Wireless CF Card							
2-2										
CF Card기	-		,	가						
1.	->	->								
2.		-								
3.			IPOne AirGate Wireless LAN C	ard .						









2-2-1

. (

4.

가

2-2-2)

IPOne AirG	ate Wireless L/	AN Card 등록 정보	z	<u>? ×</u>			
Site 일반	Survey     고급	About Status	드라이버 Configuration	리소스 Encryption			
	IPOne AirGat	e Wireless LAN	Card				
	장치 종류: 제조업체: 위치:	네트워크 ( IPOne CardBus )	어렵테				
장치 상태							
이 징 핸하	치에 문제가 발 십시오.	생하면 [문제 해결	[사]를 놀러 문제 해결	!사를 실			
			문제 해결				
장치 사용( <u>D</u> ): 장치 사용							
			확인	취소			

가

2-2-2









Utility







Default - AirGate Wireless LAN Settings	x
Status Configuration Encryption Site Survey About	
State: Associated - 00:90:48:00:77:C5	
Durrent Tx Rate: 11 Mbits/sec	
Current Channet 12 Disable Radio Rescan	
Throughput (bytes/sec) Tx 0 Rx 733	
Link Quality: Excellent (100%)	
Signal Strength: Excellent (100%)	
<u>확인</u> 취소 ·	1巻(匹)

2-3-2

1. System Icon

**ip**one

2-3-3



2-3-3

- Wireless Radio	On / Wireless Radio Off		
	Wireless Radio		. wireless radio
2-3-4	가가		. wireless
radio	2-3-1	가	







.



- Remove Status Icon

#### 2-3-5 Remove Status Icon Permanently

. Remove Status Icon Permanently



2-3-5

- Wireless Network Status CF Card C Advanced Configuration C F Card C F Card C F Card C F CARD Key Key Key Key Key Key C F CARD C F CARD









2-3-6





- Associated BSS	가 Access p	oint		. BSSID	
Access point	MAC address				
- Scanning –	가 infrastructure	7	' acces	s point	
- Disconnected-	access point		(	AD-hoc	
)	CF CARD	가			
Current Tx Rate (	Mbits/sec)				
	가				
Current Channel					
Infrastructure		가			•
Infrastructure			access	point	
(bytes/sec	c)				
- Tx:					
- Rx:					







## Link quality

가 Infrastructure		Access	Point	PC
	. Peer-to Peer	(Ad-Hoc)	,	PC
Signal Strength		가		PC

가

.

#### Disable/Enable Radio

#### Rescan

가

#### 3.

2-3-7

Default - AirGate	Wireless LAN Settings	×
Status Config	uration Encryption Site Survey About	
<u>P</u> rofile Name:	Default	
Network <u>N</u> ame:	ANY	
Network <u>T</u> ype:	Access Point	
	Peerto-Peer <u>C</u> hannel: 11 듣	
Preamble Mode:	Default <u>D</u> efaults	
Power <u>S</u> ave Mod	de: Off	
Transmit <u>R</u> ate:	Fully Automatic	
	확인 취소 적용( <u>A</u> )	



Profile



18 -





(WEP Security)

			가		
	profile		profile		
Network Name					
Infrastructure		가	access point	SSID	. Ad-
hoc(peer to peer)		가	Ad-hoc		virtual SSID
Network Type					
2-3-8					
- peer to peer:			access point		
peer-to-peer		. 1	Peer-to-Peer		
	(SSID)	peer-to-peer			
- Access point:		Acces	s point가		
Infrastructure			acc	cess point	
(SSID)		. Peer-to-peer	access point	t	
1-6					
Default -	AirGate Wi	reless LAN Settings	;		×

, , , .

Default - AirGate \	Wireless LAN Settings	×
Status Configu	uration Encryption Site Survey A	bout )
<u>P</u> rofile Name: Network <u>N</u> ame:	Default	KT Pespor
Network <u>T</u> ype:	Access Point           Peer-to-Peer           Access Point	
Preamble Mode:	Default	<u>D</u> efaults
Power <u>S</u> ave Mod	e: Off 🔽	
Transmit <u>R</u> ate:	Fully Automatic	
	확인	취소 적용( <u>A</u> )









#### Peer-to-Peer

peer-to-peer(ad-hoc)

Peer-to-peer

Default - AirGate \	Vireless LAN	Settings		×
Status Configu	uration Encr	yption   Site Su	rvey About	
<u>P</u> rofile Name:	Default	<b>•</b>	KT	
Network <u>N</u> ame:	ANY	•	<b>W</b> ESPO	<i>r</i>
Network <u>T</u> ype:	Access Point	¥	[	
	Peer-to-Peer (	Channel: 11 庄	]	
Preamble Mode:		Default 💌	<u>D</u> efaults	
Power <u>S</u> ave Mod	e:	Off		
Transmit <u>R</u> ate:	Fully Automati	Off On Auto		
		확인	취소	적용( <u>A</u> )

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2-3-9









11Mbps	11Mbps		
5.5Mbps	5.5Mbps		
Auto 1 or 2 Mbps	1 or 2 Mbps		

#### Defaults

#### Default

Default - AirGate V	Vireless LAN S	Settings		×
Status Configu	ration Encry	ption   Site Surv	/ey About	
<u>P</u> rofile Name:	Default	•	KT	
Network <u>N</u> ame:	NESPOT	•	<b>N</b> ESPOT	
Network <u>T</u> ype:	Access Point	•		
	Peer-to-Peer Ch	annel: 11 📩		
Preamble Mode:	Γ	Default 💌	<u>D</u> efaults	
Power <u>S</u> ave Mod	e: [	Off 💽		-
Transmit <u>R</u> ate:	Fully Automatic	•		
		확인	취소	적용( <u>A</u> )

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4. 2-3-11 (Default 가) 64-bit 128-bit WEP(Wired Equivalent Privacy) WEP pass phrase 가 drop-down (64bit or 128bit) Create Keys Manually ( )

Create Keys with Pass phrase . 2-3-2 Alphanumeric( ) Hexadecimal(16 ), 7

- Alphanumeric( , )

- 21 -







- 5/13 alphanumeric
  - Hexadecimal(16)
- 10/26 Hexadecimal(1-9, A-F)
- WEP

-

drop-down

- pass phrase

pass phrase

- Disabled

.

	drop - down	Disabled
Mode	Alphanumeric	Hexadecimal
Data	( , )	(16 )
64 bit	5	10
128 bit	13	26

2-3-2



2-3-11

5.

가 Access Point . Access Point SSID , Access Point .







ireles:	s LAN Settings		x
ration )	Encryption Site	Survey About	
Ch	RSSI	BSSID	$\top$
5 7 12 9 13 3 7 11	-70 dB ( 50 %) -55 dB ( 87 %) -26 dB (100 %) -36 dB (100 %) -68 dB ( 55 %) -39 dB (100 %) -43 dB (100 %) -50 dB (100 %)	00:90:4b:0d:7a:36 00:90:4b:0d:79:1f 00:90:4b:0d:77:c5 00:00:01:02:00:05 00:90:4b:0d:79:77 00:02:6f:01:78:24 00:40:96:54:43:5a 00:40:96:41:9e:50	
	 	Re-Scan Cancel	
	ration 5 7 12 9 13 3 7 11	Ch         RSSI           5         -70 dB (50 %)           7         -55 dB (87 %)           12         -26 dB (100 %)           9         -36 dB (100 %)           13         -68 dB (55 %)           3         -39 dB (100 %)           7         -43 dB (100 %)           11         -50 dB (100 %)	Ch         RSSI         BSSID           5         -70 dB (50 %)         00: 90: 4b: 0d: 7a: 36           7         -55 dB (87 %)         00: 90: 4b: 0d: 77: c5           9         -36 dB (100 %)         00: 90: 4b: 0d: 79: 1f           12         -26 dB (100 %)         00: 90: 4b: 0d: 77: c5           9         -36 dB (100 %)         00: 90: 4b: 0d: 79: 77           3         -39 dB (100 %)         00: 90: 4b: 0d: 79: 77           3         -39 dB (100 %)         00: 40: 96: 54: 43: 5a           11         -50 dB (100 %)         00: 40: 96: 41: 9e: 50

2-3-12

Access Point	
Access Point	MAC
	Access Point Access Point

# 6. About

About	2-3-13	/	/	/PC	firmware
-------	--------	---	---	-----	----------





Defau	ult – Aire	àate Wireless LAN	I Settin	igs			×
Sta	atus   Co	onfiguration   Enc	ryption	∫ Site Su	rvey (About )		
Co	IPO AirG opyright 20	ne iate Wireless LAN 002, IPOne, Inc. Drives			KT Resp	от	
	vetwork L /ersion:	2.00 Build 2106		Date:	Oct 25 2002		
	Configural	tion Utility					
V	/ersion:	2.00 Build 2106		Diate:	Oct 25 2002		
	NIC Firmw	Jare					n l
V	/ersion:	1.04.02.00		Address:	00.07.13.50.10.3	5	
				확인	취소		적용( <u>A</u> )









3 Network

PC

- 1. Client for Microsoft Networks 가
- 2. NetBEUI -> PC
- 3. TCP/IP -> PC
- 4.
- 5.

# 3-1 Microsoft Network / 가

Client for Microsoft Networks

- 가
- client for Microsoft networks setup 가 1. 2 가 Enter Network Password 가 Cancel . 2. . 3. . 4. 3-1 Client for Microsoft Networks가 Configuration . 가
- Client 가 . 5. Microsoft Client for Microsoft Networks OK .
- 3-2 NetBEUI / 가
- NetBEUI Windows NT, Windows for , LAN Manager
- 가 .
- 1. 3-1 (Client for Microsoft networks 가) 2 3
- 2. Configuration NetBEUI->Wireless LAN Card 가 가
- 3. Microsoft Client for Microsoft Networks





**ip**one



	OK						
3-3	B TCP/IP	/ 가					
TCF	P/IP						
		TCP/IP					
1.	3-1 (Client f	or Microsoft	networks	가)	2 3		
2.	Configuration	Т	CP/IP->Wire	less LAN CF	Card		
		가				가	
3.	Mic	crosoft				TCP/IP	
	OK						
4.			3-2	TCP/IP			TCP/IP-
	>Wireless LAN	CF Card					
	setting		IP	IP	Addres	SS	
		IP address	;	IP a	ddress,	Subnet Mask,	Gateway
	IP address,	DNS Se	erver IP addre	ess			
3-4					/	가	
			١	Windows NT	Windo	ws for	
				•			
1.	3-1 (Client f	or Microsoft	networks	가)	2 3		
2.	Configuration	F	ile and Printe	er sharing for	Microso	oft Networks	
			File and P	rinter sharing			
3.				OK		•	
	File and Printer	Sharing for	Microsoft Ne	tworks	OK		
3-5	3						
가							
1.	3-1 (Client f	or Microsoft	networks	가)	2 3		
2.				가			
	Identification	( 98)	)				
		OK					





# 4 PDA

# 4.1 Active Sync

1. www.microsoft.com Active sync

.

2. PDA , PDA USB port

.

- PC
- 3.

🚳 Microsoft ActiveSync	_ 🗆 🗵
<u>F</u> ile <u>V</u> iew <u>T</u> ools <u>H</u> elp	
Sync Stop Details Explore Options	
No partnerships	
Not connected	
Information Type Status	

4-1-1

.

3. connecting

.

File  $\rightarrow$  Get connected

😵 Microsoft ActiveSync	_ 🗆 🗡
<u>F</u> ile <u>V</u> iew <u>T</u> ools <u>H</u> elp	
Omega     Omega       Sync     Stop       Details     Explore       Options	
Guest	
Connected	
Information Type Status	







🛃 AirGateStart	
Airgate wireless LA Installation CD	N RESPOT
	Software Install Windows 98/ME/2K/XP Setup Windows CE Setup (PDA users)
	KT NESPOT KT NESPOT Oneclick Setup
	User's Manual AirGate2000N/U/C Manual
Wireless In	temetororor Exit

4-2-1

- 2. Software Install Windows CE Setup (PDA users)
- 3. PPC 2002, PPC 2000, HPC 2000 OS , **OK**





Se	tup Windows CE Driver	×						
Select your CE version								
	This software supports PocketPC and Handheld PC, which are compatible with StringArm processors,							
	Select the CE version, and click on OK, If the CE version is not correct, it will not work,							
	Windows CE 3,0 PPC 2002							
	Windows CE 3,0 PPC 2000							
	O Windows CE 3,0 HPC 2000							
	OK Cancel							

4-2-2

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## 4. "Typical"

InstallShield Wiz	ard 🔀							
Setup Type Select the Set	up Type to install.							
Click the type of Setup you prefer, then click Next.								
• Typical	Program will be installed with the most common options. Recommended for most users.							
O <u>C</u> ompact	Program will be installed with minimum required options.							
C C <u>u</u> stom	You may choose the options you want to install. Recommended for advanced users.							
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel							
	< <u>B</u> ack <u>N</u> ext > Cancel							

4-2-3

5.



" "





	🛃 Add/Remove Programs	
	Select a program's check box if you want to install it on your mobile device, or clear the check box if you want to remove the program from your device.	
	Note: If a program that you installed is not listed, the program was not designed to be used on your mobile device.	
Installing Ap	Retrieving Device Data	
Install "IP	— One AirGate Wireless LAN" using the default application install directory? [ - 唯(文) ] 아니오(N)   취소	00200
	Space required for selected programs: Space available on device:	
	Remove from both locations To remove the selected program from both your device and this computer, click Remove.	
	OK. Cancel <u>H</u> elp	

4-2-4

5. 가





	- PDA Setup	
PDA	, Active Sync	PC
Sync가 connected	Wireless LAN Installation CD	CD-ROM
CD 'WinCE'	PDA OS	
PPC2002.cab) PDA	[Mobile Device] \ My Pocket PC \ V	Vindows \ Start
Copy & Convert to mobile	e device format	×
Ì		
AG2NforPPC2002		
Conversion (None)		_
Copying (from 'WinCE' to 'My	Documents')	
	PDA Sync7 connected CD 'WinCE' PPC2002.cab) PDA Copy & Convert to mobile Copy & Convert to mobile Copying (from 'WinCE' to 'My	PDA       Setup         PDA       , Active Sync         Sync7l connected       Wireless LAN Installation CD         .       .         CD 'WinCE'       PDA OS         PPC2002.cab)       PDA [Mobile Device] \ My Pocket PC \ V         .       .         Copy & Convert to mobile device format         Image: Conversion [None]         Copying (from 'WinCE' to 'My Documents')         Image: Cancel

4-3-1

4) PDA AG2NforPPC2002.cab











5) 6) PDA CF type AirGate2000C 7) 8) 7

## 4.4 Utility

1. CF Card PDA CF



4-4-1

2. OK

utility 가

가









4-4-2

-Configuration



**4-4-3** Advanced Configuration



**ip**one







4-4-4

- 3. Network Name (SSID)
- 4. SSID ANY











Namo	NESPOT
name	NESPUI

🎊 AirGate WL	AN Settings 📢 6:07 🏼 🧕	9					
Profile Name:	Default 👻						
Network <u>N</u> ame:	NESPOT -						
Network <u>T</u> ype:	Access Point 🔹						
Peer-to-Peer	r <u>C</u> hannel: 6 🛓						
Preamble Mode:	Default 👻						
Power <u>S</u> ave Mode	e: Off 🔻						
<u>T</u> ransmit Rate:	Fully Automatic 🛛 🔻						
Defaults	<u>U</u> ndo <u>Apply</u>						
KT RESPOT							
Link Configuratio	on Encryption Site Sur	>					
		•					

4-4-6

- 6. Network type . AP , Access Point .
- 7. Peer to Peer mode AP

ssid apply 🎥 AirGate WLAN Settings 📢 5:34 **o**k Default Profile Name: NESPOT Network <u>N</u>ame: Peer-to-Peer Network <u>T</u>ype: Peer-to-Peer ⊆hannel: + 6 Default Preamble Mode: Off -Power Save Mode: Fully Automatic Transmit Rate: Ŧ Defaults Undo Apply КТ NESPOT Link Configuration Encryption Site Sur 











8. Preamble mode

🏂 AirGate WL	AN	Se	etting	js	€	5:34	0	3
Profile Name:	Profile Name: Defa						•	
Network <u>N</u> ame:	NE	SP	от				•	
Network <u>T</u> ype:	Ac	ce	ss Poi	nt			•	
Peer-to-Pee	r⊡	паг	inel:			6	*	
Preamble Mode:			Defa	ult			•	
Power <u>S</u> ave Mode	:		Defa Long Shor	ult				
<u>T</u> ransmit Rate:			Fully	Aut	oma	tic	•	
Defaults Undo Appl					pply			
KT RESPOT								
Link Configuratio	n	Ег	icrypt	ion	Site	e Sur[	◀	۲
						6	<b>=</b>	•

4-4-8

9. Power save mode

. Auto



4-4-9







,

10. Transmit Rate

.

.

Auto

🎊 AirGate WL	AN S	ettings 📢	5:38	•			
Profile Name:	Defa	ult		•			
Network <u>N</u> ame:	NESF	ют		•			
Network <u>T</u> ype:	Acce	ss Point		•			
Peer-to-Peer	' <u>⊂</u> har	nnel:	6	*			
Preamble Mode:		Default 🗸					
Power <u>S</u> ave Mode	:	Off		•			
<u>T</u> ransmit Rate:		Fully Automatic 🛛 🥌					
Defaults	1 Mb 2 Mb Auto 1 or 2 5.5 Mb 11 Mb	мь					
 ▲							

.

4-4-10

## -Encryption

WEP key AP station AP 가 WEP Encryption mode . 1. WEP Encryption .







<i>8</i> 7	AirGate WLAN Settings ┥ 5:38						
3	Tuesday, September 04, 2001						
*=	Tap here to set owner information						
	No upcoming appointments						
$\bigcirc$	No unread messages						
•	No tasks						
	Wireless Radio On						
	Wireless Radio Off						
	<u>R</u> emove Status Icon						
	Wireless Network Status						
	Advanced Configuration						
	WEP Encryption						
	Yersion Information						
	·▲						

4-4-11

2. WEP key

2.3



4-4-12

-Site Survey



38





	AP					
🎊 AirGa	te W	LAN Sett	ings 📢 5	:40 🐽		
SSID	Ch	RSSI	BSSID			
passport papin cisco ipone_ap basn_ap3 basn_ap1 sungwon juuli_ttls aham	13 7 11 12 12 5 5 11	-71d -85d -81d -81d -81d -76d -59d -84d -69d	00:90: 00:90: 00:40: 00:07: 00:00: 00:07: 00:07: 00:90: 00:90:			
	ļ	<u>R</u> e-Scan	Cance	3		
Configuratio	on E	ncryption	Site Survey			
				<b>•</b>		

4-4-13



link

link .
🎊 AirGate WLAN Settings 📢 5:40 🐽
State: Associated - 00:90:48:0D:77:C5
Current Channel: 12 Disable Radio
Current Tx Rate: 2 Mb/sec Rescan
[Throughput (bytes/sec)
Tx: 0 Rx: 651
Link Quality: Excellent (100%)
Signal Strength: Excellent (100%)
KT RESPOT
Link Configuration Encryption Site Sur
E 1

4-4-14







### 4.5

IP address

1.

 $\rightarrow$  Settings  $\rightarrow$  Connections  $\rightarrow$ Network Adapters  $\rightarrow$  IPOne AirGate

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Wireless LAN Card

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**Properties** 

4-5-1



4-5-2







2. IP address

Use server assigned IP Address



4-5-3

3. IP address

use specific IP address



4-5-4

41







#### 4.6 Network card connection

card connection type

1.  $\rightarrow$  Setting  $\rightarrow$  Connections  $\rightarrow$  Connections



4-6-1









#### 3. My network card connects to The Internet



4-6-3







5

PC

PC 가 PC 가 PC • 가 Plug Play BIOS 가 /PDA가 98/ME/2000/XP Windows CE3.0 가 PC PC . . 가 load 98/ME/2000/XP Windows CE3.0 PC 98/ME/2K/XP 98/ME/2K/XP I/O IRQ I/O IRQ 가 PC PC I/O IRQ PC SSID Access Point SSID가 SSID • . PC 가 . PC LED가 가 -가 가 -









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- 가 -		
	. PC . 가	PC
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Client Utility 가	Link Quality, Signal Strength	







# Α

Features and Benefits

Features	Benefits			
11Mbps data transfer rate	High-speed data transmission			
Automatic data rate scaling at 11, 5.5, 2 and 1 Mbps	Optimized throughput, range and connectivity			
IEEE 802.11b compliant	Fully interoperable with IEEE802.11b compliant products			
Wired Equivalent Privacy (WEP)	Powerful data security at 64 and 128 hits			
encryption and decryption support	Fowerful data security at 64 and 126 bits			
	Supports a variety of popular computing devices			
Compact Flash Type-I Standard	such as PDA, Pocket PC, Tablet PC, Webpad			
	and Handheld device			
Site Survey Utility	Allows users to browser the available active access points which users can connect			
Supports both PDA and Windows	Flexible to work with both your PDA and your			
operating systems	notebook PC			
Wide coverage range up to 300	Wireless connectivity for all your computers			
meters in open space	wheless connectivity for all your computers			
Advanced Power Management	Very low power consumption delivers extended battery life for client devices			
Plug and Play Compact Flash	Forwingtollation			
Type-I interface	Easy installation			
Significantly improved indoor	Higher link quality in indeer environment			
multipath distortion	Figher link quality in indoor environment			
Seamless roaming	Full mobility			
Direct Sequence Spread Spectrum	Provides robust, interference-resistant, and			
(DSSS) Technology	secure wireless connection			





#### **Product Specifications**

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Radio Data Rate	11, 5.5, 2 and 1 Mbps, Auto Fall-Back					
	11 Mbps –150m					
Denne (ener environment)	5.5 Mbps –200m					
Range (open environment)	2 Mbps – 300m					
	1 Mbps –400m					
Operating Voltage	3.3V					
Regulation Certifications	FCC Part 15/UL, ETSI 300/328/CE					
Compatibility	Fully interoperable with IEEE802.11b compliant products					
LED Indicator	RF Link activity					
Network Information						
Network Architecture	Support ad-hoc, peer-to-peer networks and					
	infrastructure communications to wired Ethernet networks					
	via Access Point					
Driver Software Support	Windows 98/ME/2K/XP, Windows CE 3.0, Windows					
	CE.NET(Future), PocketPC 2000/2002, HandheldPC					
	2000					
Access Protocol	CSMA/CA					
Roaming	IEEE802.11b compliant					
Security	64/128-bit WEP data encryption					
Radio						
Frequency Range	U.S., Europe and Japan product covering 2.4 to 2.484					
	GHz, programmable for different country regulations					
Radio Type	Direct Sequence Spread Spectrum (DSSS)					
Modulation	CCK (11, 5.5Mbps)					
	DQPSK (2Mbps)					
	DBPSK (1Mbps)					
Operation Channels	11 for North America, 14 for Japan,					
	13 for Europe, 2 for Spain, 4 for France					
RF Output Power	15dBm(30mW)					
Antenna	Integrated, with built-in diversity					
Sensitivity @FER=0.08	11 Mbps <-85dbm ; 5.5 Mbps <-87dbm					
	2 Mbps <-89dbm ; 1 Mbps <-91dbm					







#### Environmental

Temperature Range	-10	C to 50	C (14	F to 122	F) - operating
	-30	C to 80	C (-22	F to 176	F)-storage
Humidity	95%	maximum	n non co	ondensing	

# **Physical Specifications**

Form Factor	Fits Compact Flash Type-I Slots
Dimensions	55.4(L) mm x 42.8(W) mm x 3.3(H) mm
	2.18(L) in x 1.69(W) in x 0.13(H) in
Weight	45.36 g/ 1.6oz







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- A/S RESPOT
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  - A/S : 02) 2222-4638

