

**UVP-400**

**WiFi Phone  
User  
Manual**



Ubiquitous VoiP Phone  
**UVP-400**





WiFi

WiFi

WiFi

WiFi



WiFi



WiFi

가

WiFi 가



WiFi  
WiFi

가

H/W가 가



가



( , , ) 가



.....	1
.....	3
.....	4
.....	5
.....	6
.....	6
/	.....8



WiFi	.....	9
.....	.....	9
WiFi	.....	10
,	.....	11
가	.....	12
.....	.....	13



.....	14
.....	14
.....	15
.....	16



.....	17
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.....	18



.....	20
.....	20
.....	21



.....	22	
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- 1.**
- 1.Speed
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.

- 2.**
- 1.
  - 2.
  - 3.

- 3.**
- 1.
  - 2.
  - 3.
  - 4.
  - 5.

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

- 5.**
- 1.WiFi
  - 2.

- 6.**
- 1.SIP
  - 2.



SMS

WiFi Profile





# WiFi

	가
	SMS
	E-mail



(LCD )





WiFi ( )



WiFi

가

WiFi  
)



.(

6

.)

/



가

1 가

가

가 85%  
, 1  
100%




가



	(950mAh)
	180



	(950mAh)
	180
	60

(WiFi) AP



WiFi ?

## WiFi

1.



( 3 )

2.



( 3 )



WiFi

, WiFi

5

(WiFi )

SIP

(WiFi) AP

가

### WiFi

WiFi W-LAN AP  
SSID, WEP, WPA-PSK IP  
WiFi 4 WiFi  
WiFi

WiFi

W-LAN AP

24

WiFi

### SIP

WiFi W-LAN AP  
, SIP

SIP  
가 SIP  
, SIP

29

SIP

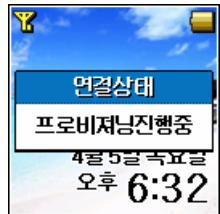
# WiFi



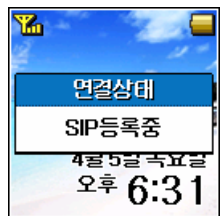
[1]



[2]



[3]



[4]

## WiFi

WiFi 2~3 가 LCD .

[1] WiFi W-LAN AP W-LAN AP  
 “AP ” 가 가 WiFi WiFi ( )  
 , WLAN-AP가 WLAN-AP가 WiFi . WiFi

[2] W-LAN AP W-LAN AP  
 “ ” 가 W-LAN AP ( )  
 가 W-LAN AP

[3] WiFi “ ”  
 가 ( )  
 WiFi WiFi MAC

VOIP  
 [4] SIP ( ) 가  
 WiFi 가

[5] SIP WiFi WiFi LCD ( , )  
 )가 . ( 22 ) ( , )



/ #

가 (📞)

(📞) (

)



가



20



최근통화목록	
📞 0123456789	
📞 01024165382	
메뉴 뒤로	

최근통화목록	
📞 0123456789	
12월9일 토요일 오후 05시52분	
00:00:04	
메뉴 뒤로	

# 가



VoIP

가  
가

WiFi  
가

(Hold)

(Transfer)

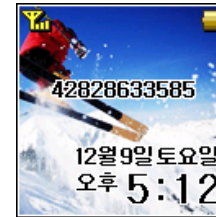
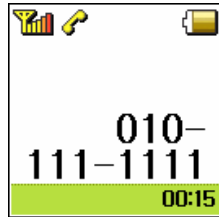
(Waiting)

(Forwarding)

## (Call Hold)/ (Transfer)

가 ( : 010-111-1111) LCD . ( )

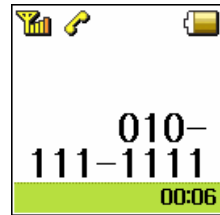
222-2222)



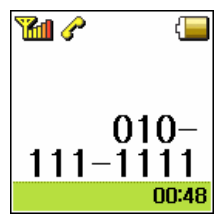
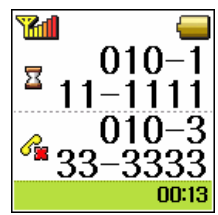
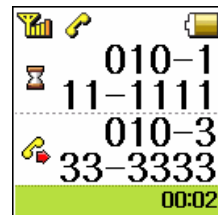
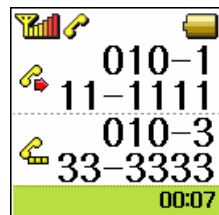
가 ( :010-

## (Call Waiting)

( :010-111-1111) ( :010-333-3333)가



New Call





WiFi  
DTMF

### (Call Forwarding)

/SIP  
LCD

( , 30 , )  
(6 , 30 )

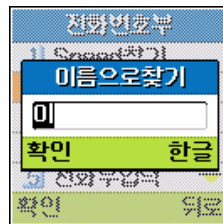
### DTMF

ARS . DTMF 가 In-band DTMF Out-band  
(30 )



가 .

/ / /



VoIP





가

. (1 ~ 200

가 )

전화번호부	
3	전화번호로 ...▲
4	전자메일로찾기
5	전화부입력
6	단축다이얼
7	그룹편집
확인	뒤로



단축다이얼	
1	우리집
2	
3	
4	
5	▼
메뉴	뒤로

가 18  
18

1( ) 8( )

단축다이얼	
수정	
동화	
문자보내기	
삭제	
전체삭제	▼
확인	뒤로

1. :
2. :
3. :
4. :

그룹편집[5/50]	
전체	
가족	
회사	
친구	
기타	
메뉴	뒤로

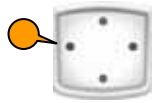


가 .

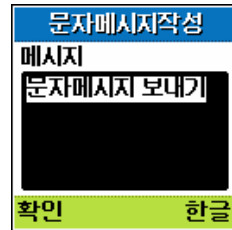
그룹편집[5/50]	
추가	
수정	
이동	
삭제	
전체삭제	
확인	뒤로

1. 가 :
2. :
3. :
4. :
5. :

가 .



가  
80 ( 40 ) , 10



/



VoIP



가



가 . ( Delete Back Space ) 가

\* 가 #

ㄱ	1ㄱ	표	5ㅁ * *
ㅋ	1ㄱ *	뽀	5ㅁ * #
ㆁ	1ㄱ #	ㅅ	7ㅅ
ㄴ	2ㄴ	ㅈ	7ㅅ *
ㄷ	2ㄴ *	ㅊ	7ㅅ * *
ㄸ	2ㄴ * *	ㅆ	7ㅅ #
ㄹ	2ㄴ * #	ㅈ	7ㅅ * #
ㄺ	4ㄹ	ㅇ	8ㅇ
ㅁ	5ㅁ	ㅎ	8ㅇ *
ㅂ	5ㅁ *		

ㅃ	3ㅃ	ㅄ	3ㅃ 9ㅣ
ㅅ	3ㅃ *	ㅅ	3ㅃ * 9ㅣ
ㅆ	3ㅃ 3ㅃ	ㅆ	3ㅃ 3ㅃ 9ㅣ
ㅈ	3ㅃ 3ㅃ *	ㅈ	3ㅃ 3ㅃ * 9ㅣ
ㅊ	6ㅊ	ㅊ	6ㅊ 3ㅃ 9ㅣ
ㅌ	6ㅊ *	ㅋ	6ㅊ 9ㅣ
ㅍ	6ㅊ 6ㅊ	ㅌ	6ㅊ 6ㅊ 3ㅃ 9ㅣ
ㅑ	6ㅊ 6ㅊ *	ㅍ	6ㅊ 6ㅊ 9ㅣ
ㅓ	0ㅓ	ㅑ	0ㅓ 9ㅣ
ㅕ	9ㅣ		





1

2

3

4



가

IP  
192\*168\*0\*1  
192.168.0.1

) “ ”

2< 3+ 3+ 9| 7人 1ㄱ \* 6⊥ 2< \* 3+ 3+ 9| 1ㄱ

L ㄱ ㅋ L ㄷ

) “PHONE”

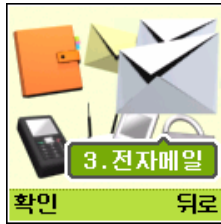
2

7人 4ㄹ 4ㄹ 6⊥ 6⊥ 6⊥ 6⊥ 6⊥ 3+ 3+

P G H M N O M N D E

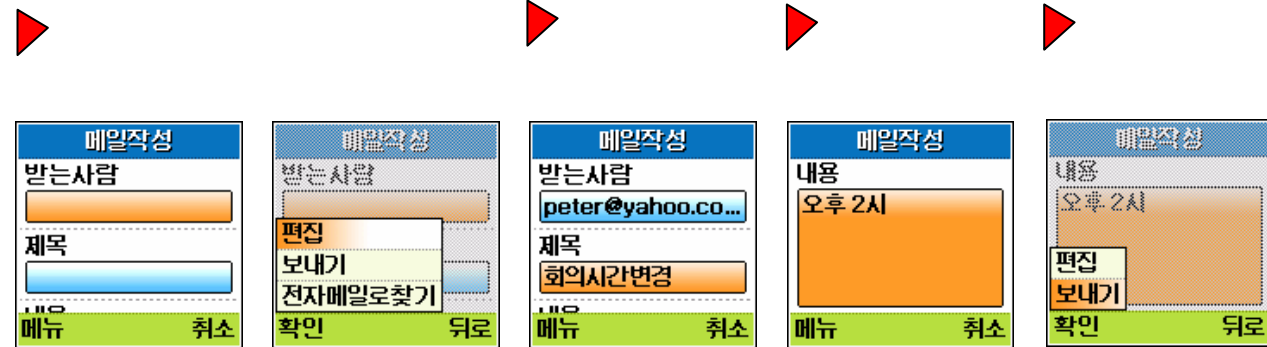
2





전자메일	
1	메일작성
2	메일받기
3	수신함[1/1]
4	발신함[1]
5	계정관리
확인	뒤로

300 ( 150 )



수신함	
보기	메일
회신	
메일받기	
삭제	
전체삭제	
확인	뒤로

발신함	
1	연락
보기	
작성	
삭제	
전체삭제	
확인	뒤로

전자메일	
1	메일작성
2	메일받기
3	수신함[1/1]
4	발신함[1]
5	계정관리
확인	뒤로

▶ ID,

계정관리	
사용자 ID	jhl@hotmail.com
비밀번호	****
보내는 서버	www.netcodec. ...
포트	0
받는 서버	www.netcodec. ...
포트	0
메뉴	취소

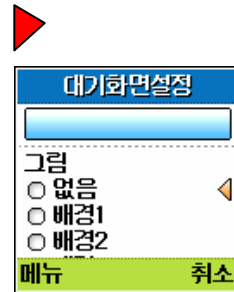
▶

계정관리	
사용자 ID	****
보내는 서버	www.netcodec. ...
포트	0
받는 서버	www.netcodec. ...
포트	0
메뉴	취소

▶

계정관리	
포트	0
받는 서버	www.netcodec. ...
포트	0
메뉴	취소





8

/



LCD





내전화기	
2 벨소리선택 ▲	
3 벨음량조절	
4 키음량조절	
5 통화음량조절	
6 Language	
확인	뒤로

Language	
<input checked="" type="radio"/> Hangul	
<input type="radio"/> English	
OK	Back



, , 7 .

벨음량조절	
확인	뒤로

키음량조절	
확인	뒤로

통화음량조절	
확인	뒤로



, .

Language( ) (Hangul)/English .( )



## WiFi

WiFi 가



## WiFi

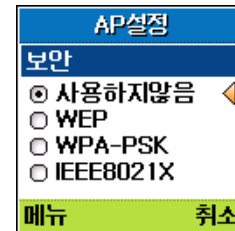


AP

/



DHCP



WiFi Profile W-LAN AP SSID, DHCP/Static IP , WEP Key, WPA-PSK

WiFi WiFi AP SSID , IP AP DHCP AP Static IP



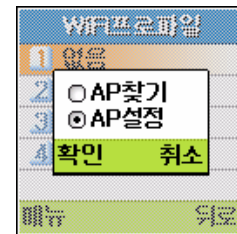
## AP

WiFi , AP

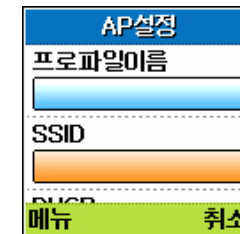
### WiFi



### AP

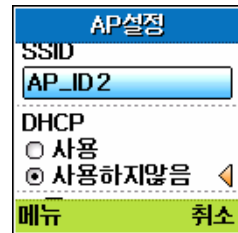


### SSID/



## Static IP

AP , DHCP . IP , , , DNS



IP



DNS



IP

192\*168\*0\*1

192.168.0.1

**AP설정**

**보안**

사용하지않음 ◀

WEP

WPA-PSK

IEEE8021X

메뉴 취소

(WEP, WPA-PSK, 802.1X)

WiFi AP . WEP, WPA-PSK, 802.1X  
WiFi .

WEP

▶ 64/128 (Hex) ▶

<p>▶ <b>64/128</b></p> <p>AP설정</p> <p>보안</p> <p><input type="radio"/> 사용하지않음</p> <p><input checked="" type="radio"/> WEP</p> <p>▶</p> <p><input checked="" type="radio"/> 64비트</p> <p><input type="radio"/> 128비트</p> <p>메뉴 취소</p>	<p>▶ <b>(Hex)</b></p> <p>AP설정</p> <p><input type="radio"/> 128비트</p> <p>키</p> <p>3637484B4F</p> <p>키인덱스</p> <p><input checked="" type="radio"/> 1</p> <p><input type="radio"/> 2</p> <p>확인 영문대</p>	<p>▶</p> <p>AP설정</p> <p><input type="radio"/> 128비트</p> <p>키</p> <p>3637484B4F</p> <p>키인덱스</p> <p>▶ 편집</p> <p>저장</p> <p>확인 뒤로</p>
--	--	---

WPA-PSK

▶

<p>▶</p> <p>AP설정</p> <p><input type="radio"/> 사용하지않음</p> <p><input type="radio"/> WEP</p> <p><input checked="" type="radio"/> WPA-PSK</p> <p>키</p> <p>378</p> <p>확인 숫자</p>	<p>▶</p> <p>AP설정</p> <p><input type="radio"/> 사용하지않음</p> <p><input type="radio"/> WEP</p> <p><input checked="" type="radio"/> WPA-PSK</p> <p>키</p> <p>▶ 편집</p> <p>저장</p> <p>확인 뒤로</p>
--	---

IEEE802.1X(Radius)

▶

<p>▶</p> <p>AP설정</p> <p>ID</p> <p>aba8630872</p> <p>비밀번호</p> <p>808631234</p> <p>메뉴 취소</p>	<p>▶</p> <p>AP설정</p> <p>ID</p> <p>aba8630872</p> <p>비밀번호</p> <p>808631234</p> <p>▶ 편집</p> <p>저장</p> <p>확인 뒤로</p>
--	--



WiFi . WiFi AP



# AP

WiFi

AP( . AP\_ID 2)

AP

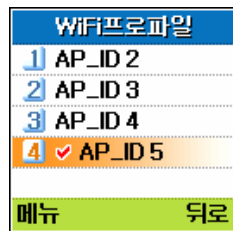


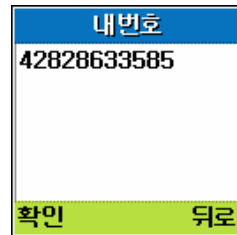
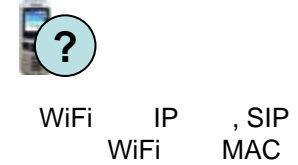
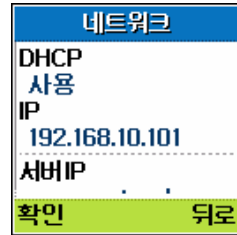
AP

AP

(1,2,3,4)

AP







▶ SIP

가

'0000'

SIP



SIP



SIP



SIP  
SIP (proxy.sip.com)  
SIP

SIP  
IP ( . 203.254.100.1)  
가  
SIP

SIP  
(Domain Name, :  
SIP 가 . SIP SIP

SIP	
1 SIP계정	
2 SIP프록시서버	
3 SIP Registrar ...	
4 SIP Outbound ...	
5 SIP STUN서버 ▾	
확인	뒤로

SIP	
5 SIP STUN서버 ▲	
6 음성교역	
7 DTMF 형식	
8 통화전환	
9 Ping Method	
확인	뒤로

## SIP Registrar , SIP Outbound



SIP Registrar

SIP Outbound

STUN

가 IP

VoIP

## STUN

VoIP  
SIP  
SIP

가 Registrar

SIP  
Outbound

STUN



VIF

(G.729, G.711 A/u Law)

. VIF(Voice Information Frame)

가

G.711

10~30msec, G.729

가

20~40msec

가

## DTMF

WiFi

In-band

Out-band DTMF

ARS

( , 30 , )

30 가

6

LCD

## Ping Method

SIP Proxy

가



관리자	
1 SIP	
2 시스템	
확인	뒤로

시스템	
1 시간 서버	
2 비밀번호	
3 Ping Test	
4 선명도 조절	
5 원격설정	
확인	뒤로



WiFi

가

(IP or URL)



'0000'

### Ping Test



WiFi

W-LAN AP

IP

IP



WiFi

LCD

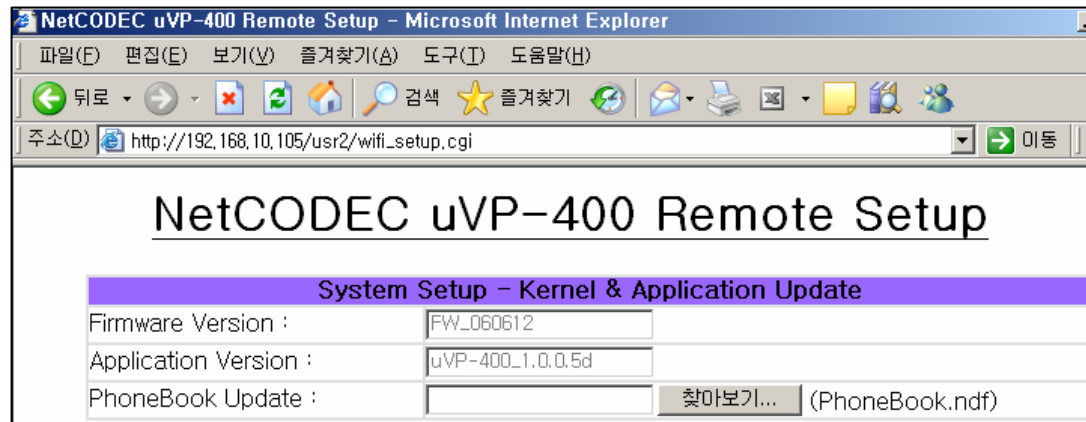
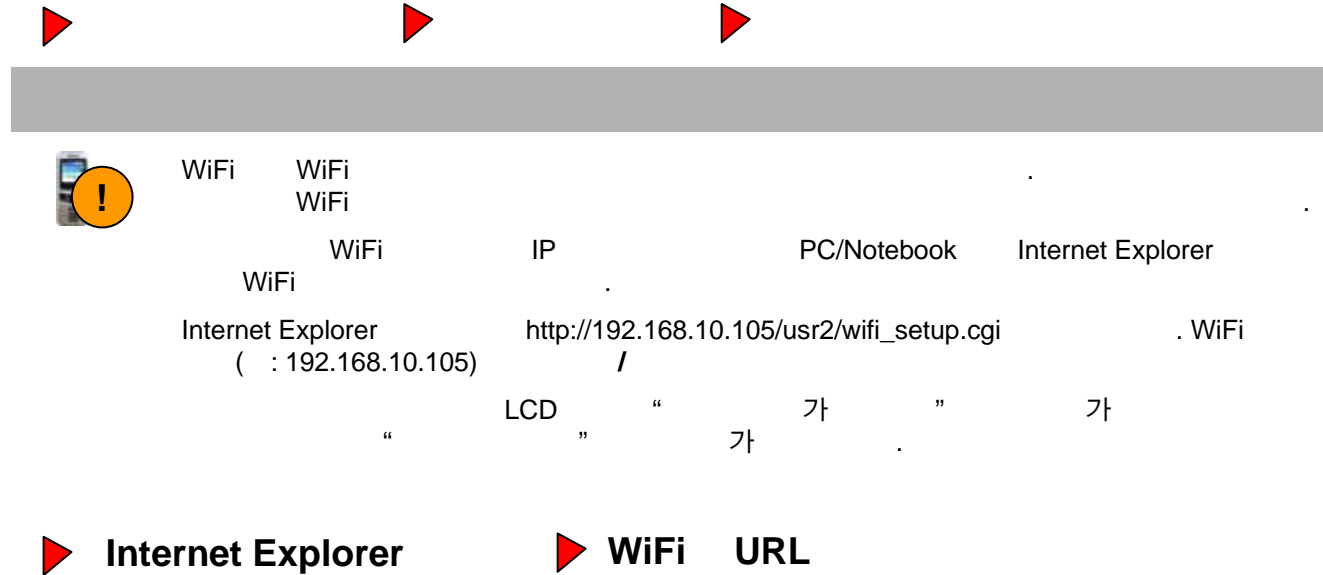
관리자	
1 SIP	
2 시스템	
확인	뒤로

시스템	
1 시간서버	
2 비밀번호	
3 Ping Test	
4 선명도조절	
5 원격설정	
확인	뒤로



WiFi

가



## WiFi

시스템	
1	시간서버
2	비밀번호
3	Ping Test
4	선명도조절
5	원격설정
확인	뒤로

네트워크	
1	WiFi프로파일
2	정보
확인	뒤로



Setting Apply

. ( )

Wireless Setup - AP & IP Setup	
Profile read :	1 <input type="button" value="Profile read"/>
Essid:	Test_AP
Channel:	13
Security Setting :	Disable
WEP Key Value:	
WEP Key Index:	2
PSK Key Value :	
IEEE802.1X ID Value :	
IEEE802.1X PW Value :	
MAC Address:	00:0e:2c:00:04:85
DHCP Use:	Enable
IP Address:	0.0.0.0
Netmask:	0.0.0.0
Gateway Address:	0.0.0.0
Primary DNS Address:	0.0.0.0
Secondary DNS Address:	0.0.0.0



WiFi

WiFi

가

. WiFi

# SIP

시스템	
1	시간 서버
2	비밀번호
3	Ping Test
4	선명도 조절
5	원격설정
확인	뒤로

관리자	
1	SIP
2	시스템
확인	뒤로



Setting Apply  
)

SIP Setup - Server & Account Setup	
Proxy Server Use:	Enable ▾
Proxy Server Address:	125.7.130.111
Proxy Domain Address:	
Proxy Port:	5060
Out Proxy Use:	Disable ▾
Out Proxy Address:	0.0.0.0
Out Proxy Port:	5060
Registrar Server Use:	Disable ▾
Registrar IP Address:	
Registrar Domain Address:	
Registrar Port:	5060
Stun Use:	Disable ▾
Stun Address:	0.0.0.0
Stun Port:	3478
User Name:	07077771234
User Number:	07077771234
User Password:	PSW1234
Register Time:	3600
Local Port:	0
DTMF Payload:	101



WiFi

SIP

. SIP

시스템	
1	시간 서버
2	비밀번호
3	Ping Test
4	선명도 조절
5	원격설정
확인	뒤로

관리자	
1	SIP
2	시스템
확인	뒤로

ETC Setting	
Contrast Setting:	3
Codec Setting:	G.729
Packetization Time:	20 ms
Echo Canceller Use:	Enable
Time Server Address:	
Time Offset:	9



WiFi

Setting Apply

Setting Initialize



Setting Apply  
Setting Initialize

? !

W-LAN AP (WiFi) AP가 WiFi Yx 가 가 (WiFi) Yx 가 :10 )

가 가 2 ( ) . (WiFi :10 ) 가 가

가 ( ) . SIP 가 가 2 Ping Test . (WiFi :10 )

SIP 가 가 2 Ping Test . (WiFi :10 )

가 . 10 WiFi

(WiFi) AP 가 , W-LAN AP W-LAN AP AP가 가

WiFi 가

( )

? !

“ ” 가 ( ) . /SIP/ . (30 )

가 (LCD)

WiFi

가 WiFi

WiFi 가

가

가 ( , , , 가 )가

Internet Explorer가 WiFi URL 가 , WiFi IP 가 URL WiFi URL , Internet Explorer

# WiFi

WiFi	
VoIP	SIP(RFC3261)
Voice	G.729A, G.711 A/u Law
	950mAh, Li Polymer Battery
Wireless Access Protocol	CSMA/CA
	2.4 ~ 2.483 GHz
W-LAN	IEEE802.11b/g
	11b(18dBm), 11g(15dBm)
/	103.2 x 42.5 x 15.5 mm, 67g
	(5V, 500mA )
	-10 °C ~ 50 °C
	10% ~ 85%
/ 가	/

WiFi	
	uVP-400

## WiFi

WiFi

가