CC&C Technologies, Inc.

WL-8211-V1
WLAN 11ac/11n 1x1 USB Adapter

■ Product requirement

Power Supply	DC 5V/500mA
Power Consumption	Max 1210mW
Dimension	29.50 18 15.0 29.50 8.0 Unit:mm
Weight	About X g
Operating Temperature	0 – 70° C ambient temperature 5 to 90 % (non-condensing)
Storage Temperature	-40 ~80°C ambient temperature 5 to 95 % (non-condensing)
Interface	USB A
Wi-Fi Spec.	IEEE802.11b / IEEE802.11g IEEE802.11n / IEEE802.11ac
RF Spectrum	2.412GHz～2.462GHz 1～13ch 5.150GHz～5.350GHz W52,W53:屋内使用限定
Throughput (*1)	IEEE802.11b:Max 11Mbps IEEE802.11g:Max 54Mbps IEEE802.11n:Max 300Mbps IEEE802.11ac:Max 433Mbps

*1 It is the theoretical speed, and the actual communication speed varies dependingon the usage environment and connected equipment etc.

■ Operating Instruction

DYG781　　DYG782

DYG339

1. 本機の電源を切ります。
　省エネモードでは電源キーのランプが点滅します。必ずランプが消えたことを確認してください。
2. 無線LANオプションを背面のUSBポートに接続してください。
　接続と設定の詳細は、本機に付属のマニュアルを参照してください。

1. Turn off the machine.
   In Energy Saver mode, the indicator on the [Power] key flashes. Make sure that the light on the indicator has gone out.
2. Insert the wireless LAN option into the USB port on the back of the machine.
   For details about connections and settings, see the manuals supplied with the machine.

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English
Note to users EU Countries
Declaration of Conformity
Notice to Users in EEA Countries
This product complies with the essential requirements and provisions of Directive 2014/53/EU.
The CE Declaration of Conformity is available by accessing the URL:
http://www.ricoh.com/products/ce_doc2/
and selecting the product applicable.

Operating frequency band: 2412-2462 MHz, 5150-5350 MHz
Maximum radio-frequency power: Less than 17.0 dBm Outdoor use of the 5GHz band is prohibited.
RF Output Power(±2dBm)
17dBm – 802.11b@11Mbps / 15dBm – 802.11g@54Mbps / 14dBm – 802.11a@54Mbps
13dBm – 802.11n@MCS7_HT20 / 13dBm – 802.11n@MCS7_HT40
13dBm – 802.11ac@NSS1 MCS7, BW20, BW40, BW80
13dBm – 802.11ac@NSS1 MCS9_BW20, BW40, BW80

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M0C4-8517

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EL	ES	FR	HR	IT	CY	LV
LT	LU	HU	MT	NL	AT	PL
PT	RO	SI	SK	FI	SE	UK

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Notes to Users in the United States of America
Part 15 of the FCC Rules

NOTE:
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 or more of the following measures:

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

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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

Certification
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.

EN (US) M0C4-8518

Notes to Users in Canada
This device complies with ISED's licence-exempt RSSs.
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 of the device. This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities:hands, wrists, feet and ankles).
5150-5250 MHz band is restricted to indoor operation only.
5250-5350 MHz band is restricted to indoor operation only.

Compliance with ISED requirement RSS-247 6.4 a) Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinue transmission in case of either absence of information to transmit or operational failure.

Remarque concernant les utilisateurs au Canada
Le présent appareil est conforme aux CNR d'ISED Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes:
(1) le dispositif ne doit pas produire de brouillage préjudiciable, et
(2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain (à l'exception des extrémités: mains, poignets, pieds et chevilles).

La bande 5150-5250 MHz est restreinte à une utilisation à l'intérieur seulement.
La bande 5250-5350 MHz est restreinte à une utilisation à l'intérieur seulement.

Conformité à la norme CNR-247 6.4 a) La transmission des données est toujours initiée par le logiciel, puis les données sont transmises par l'intermédiaire du MAC, par la bande de base numérique et analogique et, enfin, à la puce RF. Plusieurs paquets spéciaux sont initiés par le MAC. Ce sont les seuls moyens pour qu'une partie de la bande de base numérique active l'émetteur RF, puis désactive celui-ci à la fin du paquet. En conséquence, l'émetteur reste uniquement activé lors de la transmission d'un des paquets susmentionnés. En d'autres termes, ce dispositive interrompt automatiquement toute transmission en cas d'absence d'information à transmettre ou de défaillance.

EN (US) FR (FR) M0C4-8520

注意

本機使用時，須按照隨附使用手冊或說明書進行操作，請避免任何違法使用。

不可違反低功率電波輻射性電機管理辦法之所有控制、調整及開關之方法。

對任何可能造成違反低功率電波輻射性電機管理辦法規定之使用方法，進行調整或由具有發射機維修專長之技術人員執行或由其直接監督及負責。

不可置換任何可能造成違反上述管理辦法之零件(晶體、半導體等)。

經形式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

在5.25-5.35 秭赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

ZH (TW) M0C4-8523

注意事项

工作频率范围：
　2412-2462MHz
　5150-5350MHz

最大等效全向辐射功率(EIRP)：
　< 10 dBm / MHz
　< 10 dBm / MHz

载频容限：
20 ppm
不得擅自更改发射频率、加大发射功率(包括额外加装射频功率放大器)，不得擅自外接天线或改用其它发射天线。

使用时不得对各种合法的无线电通信业务产生有害干扰；一旦发现有干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用。

使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰。

不得在飞机和机场附近使用。

上述频段的无线接入系统仅限室内使用。

ZH (TW) M0C4-8522