KEYENCE

WLAN module SET
XM-WA

Instruction Manual

Introduction

Read this instruction manual before using the product in order to achieve maximum performance.
After reading it, keep the manual always at hand for future reference.
This equipment can be used with XM 5000 only.

■ Symbols

The following symbols alert you to important messages. Be sure to read these messages carefully.

DANGER	**Indicates a hazardous situation which, if not avoided, will result in death or serious injury.**
WARNING	**Indicates a hazardous situation which, if not avoided, could result in death or serious injury.**
CAUTION	**Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.**
NOTICE	**Indicates a situation which, if not avoided, could result in product damage as well as property damage.**
Important	**Indicates cautions and limitations that must be followed during operation.**
Point	**Indicates additional information on proper operation.**
Reference	Indicates tips for better understanding or useful information.

- It is prohibited to use or copy all or any part of this manual without prior approval.
- The information contained in this manual is subject to change without notice.

Precautions on regulations and authentication

■ CE and UKCA Markings

KEYENCE Corporation has confirmed that this product complies with the essential requirements of the applicable EU Directive(s) and UK regulations, based on the following specifications. Be sure to consider the following specifications when using this product in the Member States of European Union and United Kingdom.

●RE Directive

- Applicable Standards (BS)EN61010-1
  EN301 489-1
  EN301 489-17
  EN300 328

- Frequency band of operation: 2402 to 2480 MHz
- Maximum radio-frequency power: 8 dBm

- Overvoltage category I
- Use this product under pollution degree 2.
- Use this product at the altitude of 2000m or less.
- Indoor use only

Hereby, [Name of manufacturer] declares that the radio equipment type [designation of type of radio equipment] is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address: [Website Address]

■ CSA Certificate

This product complies with the following CSA and UL standards and has been certified by CSA.

- Applicable standard CAN/CSA C22.2 No.61010-1
  UL61010-1

Be sure to consider the following specifications when using this product as a product certified by CSA.

- Overvoltage category I
- Use this product under pollution degree 2.
- Use this product at the altitude of 2000m or less.
- Indoor use only

■ FCC Regulations

This product complies with the following regulations specified by the FCC.

- Applicable regulation FCC Part 15 Subpart B Class A
  FCC Part 15 Subpart C

Changes or or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

■ ISED Regulations

This product complies with the following regulations specified by the ISED.

- Applicable regulation ICES-003, Class A Digital Apparatus
  RSS-247

Note:
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

When using XM-C5000 with XM-WA, please maintain at least 20 cm separation distance from the radiator to all persons and must not be collocated or operating in conjunction with any other antenna or transmitter unless they have been demonstrated to meet with FCC/ISED requirements.
Lors de l'utilisation du XM-C5000 avec le XM-WA, veuillez maintenir une distance de séparation d'au moins 20 cm entre le radiateur et toutes les personnes et ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, sauf s'il a été démontré qu'il est conforme à la FCC/ISED exigences.

La operación de este equipo está sujeta a las siguientes dos condiciones:
(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

取得審驗證明之低功率射頻器材，非經核准，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。
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前述合法通信，指依電信管理法規定作業之無線電通信。
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經型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。
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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電通信。
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。

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