



Please read the following safety precautions carefully before using the appliance and keep it in mind during use! These information apply to the sensors W0710, W0711, W0741, W3710, W3711, W3721, W3745, W4710, W5714 and W7710.

Installation, commissioning, and maintenance must only be carried out by a qualified person in accordance with applicable regulations and standards.

- **Legislative conditions.** The sensor includes a radio transmitter operating in the non-license WiFi band. Used frequency and the transmit power are specified in the Technical Parameters. Device is certified for regulatory domains described below. If you are in another location, please make sure that can use device before turning it on for the first time.
- **Electromagnetic interference.** Do not use the device in places where the usage of WiFi devices is prohibited such as near sensitive medical devices, on the aircraft or in localities where explosive materials are used.
- **Operating and storage conditions.** Follow the recommended operating and storage condition as quoted in the Technical parameters. Do not expose the device to direct radiation of heat sources and sun. Do not install the device more than 2 m above the floor to avoid the risk of the device falling from a height. To comply with RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the user's body and the device, including the antenna.
- **Fire and explosion hazard.** It is not allowed to use this sensor within hazardous areas, especially those endangered by a potential explosion of combustible gases, vapours, or dust.
- **Device cover.** Do not operate the device without the cover.
- **Aggressive environment.** Do not expose this device to any kind of aggressive environment, chemicals, or mechanical shocks. Use soft tissue for cleaning only. Do not apply solvents or similar aggressive agents.
- **Failures and servicing.** Do not try to repair the device yourself. Any repairs may be carried out by suitably instructed service personnel only. If the device shows signs of unusual behaviour, power off the device instantly. Contact the distributor you have bought the device from.
- **Protection against water and dust.** The device has not a protection against the ingress of water and dust. Do not operate it in unsatisfied conditions.
- **Serviceability.** This device operates a wireless communication in the unlicensed radio spectrum of the WiFi network. From this reason the connection cannot be guaranteed under all circumstances. Never rely merely on the wireless equipment only for a critical communication systems (rescue systems, safety systems). Bear in mind that redundancy is essential for a systems with high level of the functional safety. See e.g. IEC 61508 for more information.
- **Recommended accessories.** Use accessories recommended by the manufacturer only.

Technical parameters – radio:

Frequency:	2400 – 2483.5 MHz
Transmit power:	18 dBm max.
Standard:	IEEE 802.11 b/g/n
Antenna for option Wx7xxQ:	Connector at WiFi sensor: RP-SMA male, antenna impedance: 50 Ω, antenna frequency: 2.4 GHz, antenna maximum gain: 2.2 dBi, antenna VSWR: < 1:2.5

Address of the manufacturer:

COMET SYSTEM, s.r.o.
Bezručova 2901
756 61 Rožnov pod Radhoštěm
CZECH REPUBLIC

Compliance:

EU Declaration of Conformity

Hereby, COMET SYSTEM, s.r.o. declares, that the sensor Wx7xx family is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address <https://www.cometsystem.com/declaration-conformity/ae-wfs-wx7xx.pdf>

FCC



Comet America LLC
Sensors Wx7xx

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.

This device contains module FCC ID Z64-CC3220MOD.

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device must be installed and operated with a minimum distance of 20 cm between the radiator and your body.

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

CAN ICES-003 (B) / NMB-003 (B)

This device contains IC: 451I-CC3220MOD

This Class B digital apparatus complies with Canadian ICES-003.

This device contains licence-exempt transmitter module(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 harmful interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Cet appareil contient des modules émetteurs exempts de licence conformes aux RSS d'Innovation, Sciences et Développement économique Canada.

L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes :

- (1) il ne doit pas produire de brouillage, et
- (2) l'utilisateur du dispositif doit accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.