



www.timkensor.com

TIMKEN

Please visit www.timkensor.com for more information and resources on the use of your Timken Wireless Sensor and Monitoring Solution, including the quick-start guide, instruction videos, the full user manual, FAQ, the Terms of Use that apply to your use of this system, safety information, and important product warnings. **Please review all available information and product warnings before installing and using this system.**

RECYCLE

Check the local regulations for proper disposal of electronic products.

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life. The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes as so to reduce disposal.



The crossed-out wheellie-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collection at the end of their working life.

Do not dispose of these products as unsorted municipal waste; take them for recycling (or in locations where recycling is unavailable, another hazardous waste collection point). For info on your nearest recycling or hazardous waste collection point, check with your local waste authority.

WARNING
Failure to observe the following warnings could create a risk of death or serious injury.

BEFORE using this product, see the information and warnings at timken.com/warnings.

DO NOT use this product in a location with an explosive environment, or for life- or safety-critical systems.

DO NOT rely solely or primarily upon this product to monitor the condition of equipment.

DO NOT open the sensor or attempt to access its battery.

This product **MUST** be installed in accordance with and by persons familiar with all installation instructions, applicable laws and codes, and industry practices.

Before installing the sensor, turn off power to equipment onto which sensor is being installed, allow equipment to cool and USE lock-out-tag-out procedures.

CERTIFICATIONS

Product name: Treon Industrial Node

Unique identifier: Treon Industrial Node, model 2111, variant 1k



EU Declaration of Conformity

Hereby, Treon Oy declares that the radio equipment Treon Industrial Node is in compliance with Directive 2014/53/EU. <https://www.treon.fi/documentation/>



North America

UL 60079
CSA 60079
E115489

FCC Supplier's Declaration of Conformity

Unique Identifier: Treon Industrial Node, model 2111, variant 1k

Manufacturer: Treon Oy, Visiokatu 3, FIN-33720 Tampere, Finland <https://www.treon.fi>

Responsible Party – U.S. Contact Information:
OptoFidelity Inc., 19409 Stevens Creek Blvd. - Suite 250, Cupertino, CA 95014, USA
<http://www.optofidelity.com>
+1 (669) 241-8383

FCC Compliance Statement (for products subject to Part 15)

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.

Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

Cet appareil est conforme à la(aux) norme(s) RSS sans licence d'Industry Canada.

Son utilisation est soumise aux deux conditions suivantes:

1. Cet appareil ne doit pas causer d'interférences et
2. il doit accepter toutes interférences reçues, y compris celles susceptibles d'avoir des effets indésirables sur son fonctionnement.

Cet équipement respecte les limites d'exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé.

Australia	
Brazil	Modelo: 2111 Anatel: 10468-20-12898 Para maiores informações, consulte o site da ANATEL www.anatel.gov.br Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.
Chile	N° 10008/DO N° 68348/ F14
China	CMIIT ID: 2021DJ0827
Ecuador	N° ARCOTEL-NRH-2022-001098
India	ETA-SD-20200100131
Japan	R 204-610006
Jordan	T/4/11/11/8914
Kuwait	ref. 7390
Mexico	IFETEL No: CETR2123-37280
Morocco	MR 23700 ANRT 2020
Pakistan	 Approved by PTA 9.1170/2020
Qatar	CRA/SM/2020/S-0005693
Taiwan	CCAF22LP1320T0
Thailand	This telecommunication equipment conforms to the standard or technical requirements of NBTC. This telecommunication equipment has EMF radiation conforms to NTC EMF exposure standard NTC TS 5001-2550.
United Arab Emirates	 TRA – United Arab Emirates Dealer ID : 049033720 TA RTE : E8900420 Model : 2111 Type : Treon Industrial Node
United Kingdom	

CERTIFICATIONS

Product name: Treon Gateway Model number: 1111*

Variant: Standard and non-cellular (NC)

FCC Notice FCC ID: 2AR86GW11

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. 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

Radiofrequency radiation exposure information: this device complies with the radiation exposure limits prescribed for an uncontrolled environment for fixed and mobile use conditions. This device should be installed and operated with a minimum distance of 20 cm between device and the body of the user or nearby persons.

Canada IC: 24716-GW11

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

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

Cet appareil est conforme à la(aux) norme(s) RSS sans licence d'Industry Canada. Son utilisation est soumise aux deux conditions suivantes:

1. Cet appareil ne doit pas causer d'interférences et
2. il doit accepter toutes interférences reçues, y compris celles susceptibles d'avoir des effets indésirables sur son fonctionnement.

Cet équipement respecte les limites d'exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé. Il doit être installé et utilisé en maintenant une distance minimum de 20 cm entre le radiateur et votre corps.




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

* Applies also to Product name: Treon Gateway in Protective Enclosure, Model number: 1131 (contains Treon Gateway 1111).



EU Declaration of Conformity

Hereby, Treon Oy declares that the radio equipment Treon Gateway In Protective Enclosure is in compliance with Directive 2014/53/EU. <https://www.treon.fi/documentation/>

Australia/ New Zealand	 ACMA Supplier's Declaration of Conformity
Brazil	Modelo: 1111 Anatel: 09553-20-12898 Para maiores informações, consulte o site da ANATEL www.anatel.gov.br Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.
Chile	No 8312/DO No 67056/F39
India	ETA-SD-20200100127
Morocco	2020000000000003732
Philippines	 NTC Type Approved Contains: No: ESD-GEC-2006204
Thailand	This telecommunication equipment conforms to the standard or technical requirements of NBTC. This telecommunication equipment has EMF radiation conforms to NTC EMF exposure standard NTC TS 5001-2550. NTC ID. B69018-20 -XXXX (XXXX = supplier code)
Turkey	According to EU Declaration of Conformity.
United Kingdom	
Only valid for model 1111, non-cellular variant: Cellular network connection is not supported in the following countries:	
Saudi Arabia	TA 2022-2619

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

www.timkensor.com