



M-WiFi

Wi-Fi communication module

User manual



“Tiras-12” LTD
Ukraine, Vinnytsia,
Khmelnyskoho Shose lane 2, b. 8



More information on the site
tiras.technology

1 GENERAL INFORMATION

M-WiFi is a communication module (further – module) designed to provide a Wi-Fi communication channel for the security control panel (further – SCP). The module is compatible with Orion NOVA S (LTE), Orion NOVA M (LTE), Orion NOVA L (LTE) SCPs.

The module is designed for continuous 24h work in premises with regulated climatic conditions without the direct influence of climatic factors of the environment.

2 SPECIFICATIONS

Specifications of the module are shown in Table 2.1.

Table 2.1 – Technical characteristics of the module

| Parameter | Value |
|---|-----------------------|
| Radiofrequency range, MHz | 2400 ~ 2483.5 |
| Maximum transmitter power, mW | 100 |
| Protocols | Wi-Fi 802.11 b/g/n |
| Supply voltage, V | 10.3-15.2 |
| Maximum current consumption, mA | 50 |
| Overall dimensions without racks (L×W×H), mm | 30×14×65 |
| Weight, g | 10 |
| Operating temperature range at relative humidity up to 75% without condensation | from -10 °C to +40 °C |
| Average service life, years | 10 |

3 PREPARATIONS FOR OPERATION

The module is designed for installation in a universal socket of the SCP. At the bottom of the board, there are 2 holes for fixing the module on the SCP board with the racks (supplied).

Caution:

1. Installation of the module must be carried out with the SCP power supply disconnected.
2. Printed circuit board of the module contains static-sensitive components. To avoid damage to sensitive components before handling any boards you should discharge static electricity in your body by touching the ground.

The module is configured in the SCP setting with which it works, according to its user manual.

4 PACKAGE CONTENTS

After unpacking, visually inspect the module to make sure it has no mechanical damage, check the completeness according to Table 4.1.

Table 4.1 – Package contents of the module

| Name | Quantity, (pcs.) |
|---------------|------------------|
| M-WiFi module | 1 |
| User manual | 1 |
| Stand leg | 2 |

ATTENTION! The characteristics and package contents of the module may be changed by the manufacturer without additional notification.

5 REGULATORY COMPLIANCE


CE Hereby, “Tiras-12” LTD declares that the radio equipment model M-WiFi is in accordance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: tiras.technology.

The M-WiFi module is designed so that it can be operated as intended in the EU countries, without violating the applicable requirements for the use of the radio spectrum.

The M-WiFi module has no restrictions on commissioning in EU countries and does not require obtaining a permit for use.

The M-WiFi module complies with RoHS Directive 2011/65/EU.

 In accordance with the EU Directive 2012/19/EU on waste electrical and electronic equipment, the module should be disposed of separately from household waste. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points.

6 WARRANTY OBLIGATIONS AND REPAIR INFORMATION

The manufacturer guarantees compliance of the module with the declared characteristics during the warranty period of operation and under the conditions of transportation, operation, and storage.

The warranty period is 36 months and is valid from the date of sale specified below or in other accompanying documents (contract, invoice, etc.). If you do not provide a document confirming the date of sale of the module - the

warranty period is calculated from the date of manufacture of the module.

(date of sale) _____
(seller's signature) seller's stamp

The module is repaired by the manufacturer or its authorized representative. The module is repaired for free in case the warranty period has not expired, and it was operated in accordance with the accompanying documentation. For repairs, the module is sent together with the document, which indicates the date of sale, and with a letter stating: the nature of the fault, the place of operation, contact person for repair.

If the module is not working properly, please contact technical support first, perhaps this problem can be resolved remotely.

The date of manufacture of the module and/or its serial number are indicated on the module label and packaging.

Information about limitation of liability is available in the "Warranty" section on the website: tiras.technology.



7 CONTACTS OF THE MANUFACTURER
“Tiras-12” LTD, Ukraine, Vinnytsia, Khmelnytskoho Shose lane 2, b. 8
Sales department: market@tiras.ua
Technical support: support@tiras.ua
Warranty and post-warranty service: otk@tiras.ua