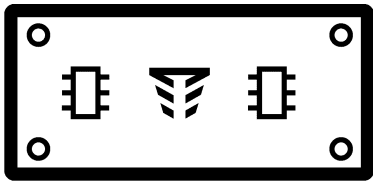
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TIRAS technologies



M-NET+

Ethernet communication module

User manual

CE

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

More information on the site
tiras.technology

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1 GENERAL INFORMATION

M-NET+ is an Ethernet communication module (further – module) that provides the communication of the security control panel (further – SCP) via the Ethernet network (LAN connection via RJ-45 physical interface). The module is compatible with SCPs Orion NOVA S (LTE), Orion NOVA M (LTE).

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 given in table 2.1.

Table 2.1 - Technical specification of the module

Parameter	Value
Interface	1xLAN 10/100 Mbps
Supply voltage, V	10.3-15.2
Maximum current consumption from a supply voltage of 12 V, mA	80
Overall dimensions without stand legs (L×W×H), mm	30×24×70
Weight, g	16
Operating temperature range at relative humidity up to 75% without condensation	from -10 ° C up to + 40 ° C
Average service life, years	10

3 PREPARATIONS FOR WORK

The module is designed for installation in the SCP universal socket. At the bottom of the board, there are 2 holes for fixing the module on the control panel 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 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 settings according to SCP Installation manual.

4 PACKAGE CONTENTS

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

Table 4.1 – Package contents of the module

Name	Quantity, (pcs.)
M-NET+ 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

Hereby, “Tiras-12” LTD declares that the model M-NET+ complies with EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU.

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

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. Module is repaired for free, in case the warranty period is 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 limitation of liability is posted 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