

KROKS SIM Injector

Manual. Product passport.

1. Purpose

1.1. The SIM injector is a device for remotely connecting SIM cards to a router in an external antenna via a UTP twisted pair cable at a distance of up to 50 meters.

The SIM injector is placed indoors near the user's PC for remote installation and replacement of SIM cards without dismantling the external antenna. Support for two SIM-cards allows you to use the services of several operators and create a backup communication channel.

The device only works with KROKS routers that support SIM injector.

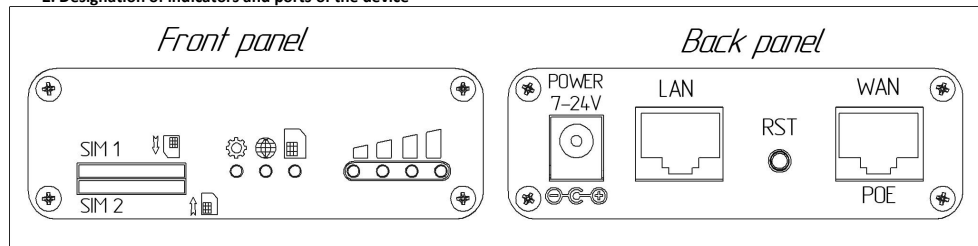
1.2. The front panel of the SIM-injector displays an indication of the signal level and the operating mode of the router. Signal level indicators help to assess the quality of the received signal, and point the antenna at the base station.

A power supply unit is included to power the SIM injector and the router. Data transmission and power supply of the router is carried out via UTP 4 CAT5E 24 twisted pair cable. The use of passive PoE 24 V technology ensures a stable power supply voltage of the router at a distance of up to 50 meters.

To supply PoE power to the SIM injector through the LAN port, purchase a PoE power injector.





1.3. **When purchasing the device, check its completeness. Attention! After purchasing the router, claims for incompleteness are not accepted!**

2. Designation of indicators and ports of the device



Location of indicators and ports of the SIM-injector

Designations of indicators on the SIM-injector panel and antenna housing

 Status	switched off	The power supply is not connected or the power circuit of the device is faulty.
	light	The router is loading or updating. If the indicator is on for more than 5 minutes, there is no connection to the router.
	blink	Connection with the router is established, normal operation mode.
 Internet	Internet connection indicator.	
 SIM-card	Operation indicator of SIM-cards located in the SIM-injector.	
 Signal	Signal level indicators.	

Port designation in the SIM injector

SIM 1, SIM 2	Slots for installing SIM-cards.
LAN	Port for connecting a user device (PC, laptop, Wi-Fi router). It is possible to supply power to the device and the router located in the antenna from a 24 V PoE injector through the LAN port.
WAN	Port for connecting a router located in the antenna using a UTP 4 CAT5E 24 twisted pair cable. Provides PoE power to the router installed in the antenna over a twisted pair cable.
POWER 7-24V	Connector for connecting the power supply plug.

Designation of SIM-injector buttons

RST	Reset button to reboot devices and return to factory settings.
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3. Technical specifications

Ports and interfaces of the SIM injector:

- Ports Ethernet – 2 шт., 100 Mbps
 - WAN + PoE OUT – 1 pcs
 - LAN + PoE IN – 1 pcs
- SIM-reader – 2 pcs

Power: 7-24 B.

Default settings:

- Pressing the button (**RESET**) for up to 5 seconds will reboot the device.
- Pressing the button (**RESET**) for 5 to 30 seconds returns to the factory settings.

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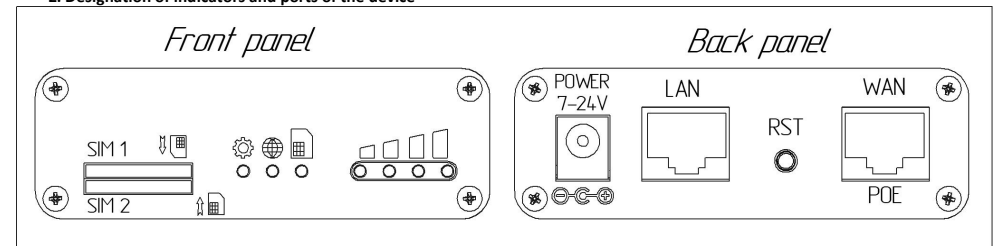
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

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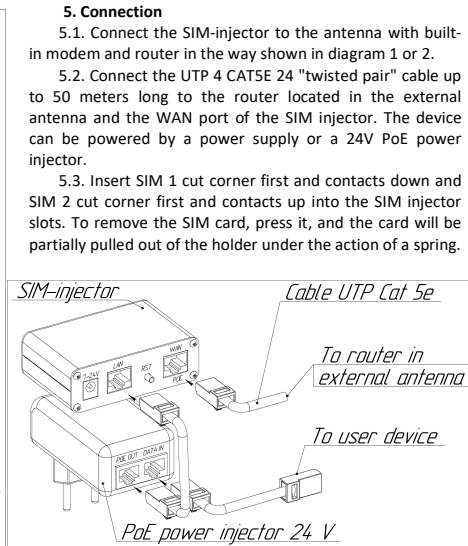
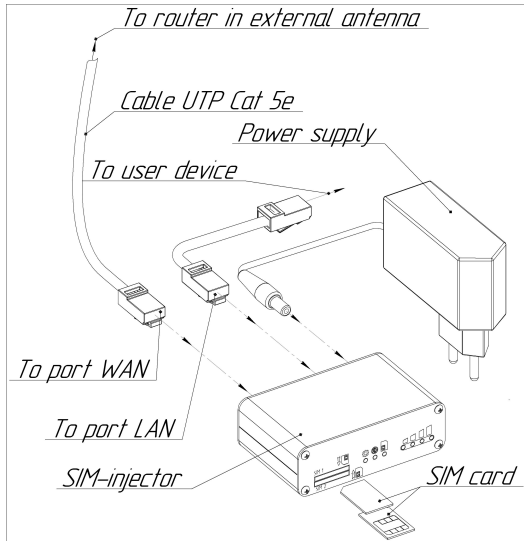
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4. Contents of delivery

Name	Amount
SIM-injector	1
Power supply 24V, 1A	1
Patch cord RJ45 – RJ45	1
Passport	1
Package	1

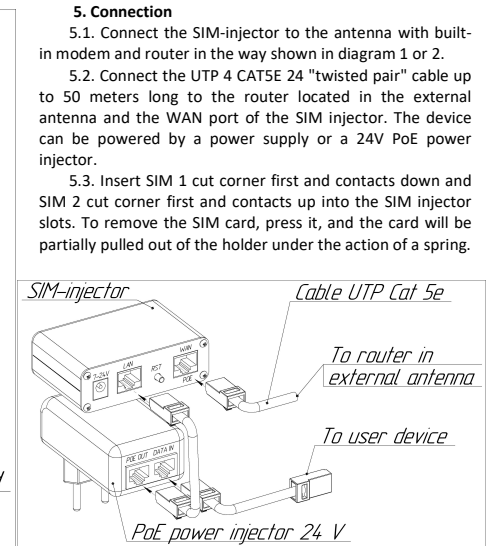
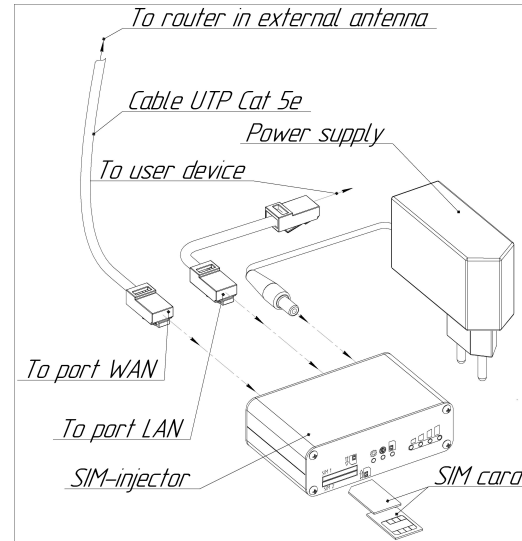
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6. Warranty

The manufacturer guarantees that this product meets the specifications specified in this document. The warranty period is 12 months from the date of purchase. During this period, the manufacturer provides a free warranty service.

The warranty does not apply to the following cases:

- the warranty period of the product has expired from the date of sale;
- there are no documents confirming the date and fact of purchase of the product;
- the product intended for personal needs was used for commercial activities, as well as for other purposes that do not correspond to its intended purpose;
- violations of the rules and operating conditions set out in the Operating Instructions and other documentation provided to the Buyer with the product;
- if there are traces of unskilled repairs or attempts to open the Product outside an authorized service center, as well as due to unauthorized interference with the software;
- damage (deficiencies) of the Goods caused by the influence of virus programs, interference with the software, or the use of third-party software (non-original);
- the defect is caused by force majeure (for example, earthquake, fire, lightning strike, instability in the electrical network), accidents, deliberate or careless actions of the consumer or third parties;
- mechanical damage (cracks, chips, holes) arising after the transfer of the product to the Buyer;
- damage caused by exposure to moisture, high or low temperatures, corrosion, oxidation, ingress of foreign objects, substances, liquids, insects into the product;
- the defect occurred due to the supply of a signal or voltage or current to the input connectors, terminals, housing that exceeds the permissible values for this Product;
- the defect is caused by natural wear of the Product (for example, but not limited to: natural wear of connectors due to frequent connection/disconnection of adapters).

Warranty obligations apply only to defects caused by the fault of the manufacturer. Warranty service is performed by the manufacturer or an authorized service center.

Date of sale _____ Seller _____
(date, month, year) (store name or stamp)

I have read the instructions and operating rules _____
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