

Specifications

General

Dimensions:	width = 502 mm - 2 mm height = 258 mm - 2mm (incl. legs) depth = 498 mm - 0,3 mm (incl. handles)
Weight:	32 kg
Mechanical and environmental standards:	N7 UZ-II-(A and B) according to WPN 84/N-01001 and WPN 84/N-01003 (multiple and continuous usage equipment)

Power Supply

Input Voltage:	+27 V (-18 %, +10 %) with grounded negative pole (standard) - 48 V (-10 %, +20 %) with grounded positive pole (must be specified in the order)
Power consumption:	< 2 A for +27 V i < 1 A for -48 V

Router

Ethernet interfaces:	4 x 1000 Base TX, 4 x 100 Base FX, 4 x 1000 Base SX, 3 x 1000 Base LX,
Routing capacity for up to 64 B (RFC2544) packets:	routing between two Ethernet interfaces: 1 Gbps total routing output between Ethernet interfaces: 20 Gbps
Functionality:	RIPv1, RIPv2, OSPF, BGP MPLS (CESoMPLS, TDMoIP) QoS FIREWALL NAT Management over SNMP, SSH, HTTP, operator's console

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Router ZZO-12R

ZZO-12R optical lines terminating unit
Superefficient IP router



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About ZZO-12R router

ZZO-12R optical lines terminating unit

Superefficient IP router

Owing to its extensive experience in designing and manufacturing military communications systems, Transbit has designed the superefficient ZZO-12R and ZZL-12E IP routers. The ZZO-12R uses hardware IP routing, which allows for full capacity of 1GB on Ethernet interfaces even for 64B-long frames.



Our solution offers 15 Ethernet interfaces in various standards:

- 4 x 1000 Base TX,
- 4 x 100 Base FX,
- 4 x 1000 Base SX,
- 3 x 1000 Base LX,



ZZO-12R implements:

- IPv1, IPv2, OSPF, BGP routing protocols,
- MPLS, TDM trunks transmission over IP networks (CESoMPLS, TDMoIP),
- QoS, packet marking and brand management,
- Firewall, IP filtering,
- NAT,
- Management over WWW, SNMP, operator's console.

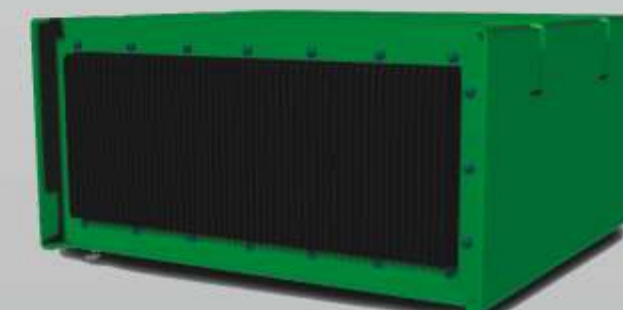
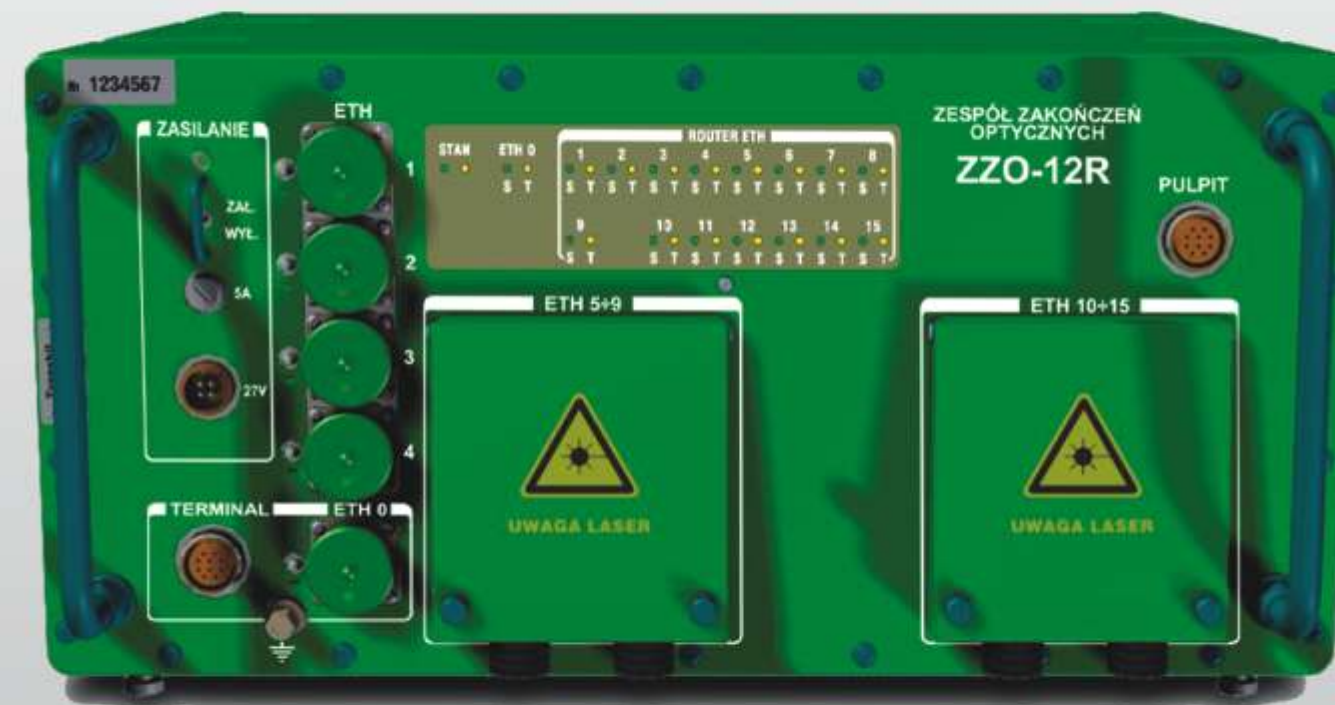
The ZZO-12R is ideal for setting up local networks, as it comes in with many interfaces and high functionality. A small IP network based on the ZZO-12R does not require IP switches.

The ZZO-12R is ideal for setting up communication shelters. Many interfaces in various standards offer high flexibility enabling such a network set-up which will not require any changes in shelter's wiring system during its operation.

As all other TRANSBIT products, the ZZO-12R router fulfils all requirements set to N7-UZ-II (A and B) product groups according to NO-06-A101 and NO-06-A103. The ZZO-12R, just as the ZZO-12 and the ZZL-12E is ideal for use in telecommunications shelters.

In order to use the ZZO-12R one does not need to attend a specialised training. It is enough to know the rules of setting up teletransmission and packet networks. The configuration interface is intuitive and very simple. Configuring the device over WWW means that the user does not need to install any additional software and can easily manage the router from anywhere within the network. Users familiar with other TRANSBIT solutions should have no problems with configuring the ZZO-12R. Configuration interfaces in our products are very similar. More advanced users can configure the device using operator's console.

Pictures



Router ZZO 12R