

STS-931

Radio signal retransmitter



STVF.425664.014

PURPOSE

STS-931 radio signal retransmitter is designed for autonomous signal retransmission between remote points within line of sight.

FIELDS OF APPLICATION

- integrated facility security systems
- as part of "Boxwood" alarm system for securing extended lines

VERSION

- enclosed in a hermetically sealed metal casing
- equipped with a rechargeable battery, solar module and radio modem with antenna

FEATURES

- receiving and retransmitting signals from sensors within radio visibility range
- encrypting data transmitted via radio channel
- self-monitoring and performance diagnostics
- temperature and voltage monitoring

PECULIARITIES

- parameter setting and operational product control in special software
- usage of electric power converted from solar energy to recharge the battery unit

SCOPE OF SUPPLY

Name	Quantity
✓ STS-931 Radio signal retransmitter	1 pc.
✓ 433MHz Antenna	1 pc.
✓ Passport	1 copy
✓ Operating guidelines*	–

* The operating guidelines are supplied in a single copy when shipped with a batch of products or as part of a system. For single deliveries, the operating guidelines are supplied for each unit
Operating guidelines are available at: <http://stilsoft.ru>

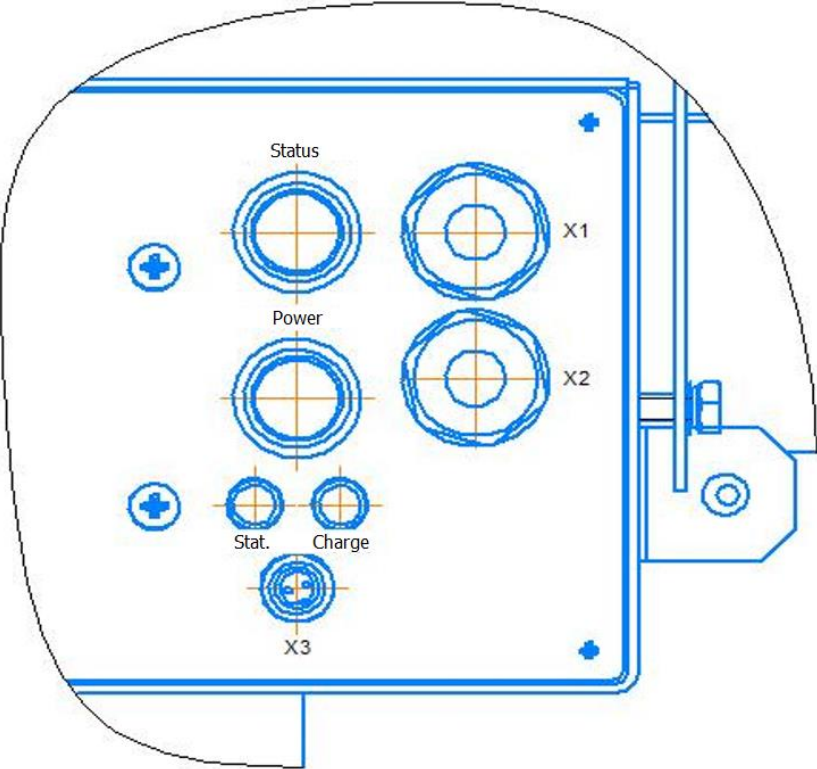
RELIABILITY AND WARRANTY

- Warranty operation period - 2 years.
- Average operation period before decommissioning - 8 years (minimum).

TECHNICAL PARAMETERS

Parameter name	Quantity
Alarm message	
– transmission frequency, MHz	433
– radiated power, mW (maximum)	10
Guaranteed transmission range in line-of-sight conditions, m (maximum)	1000
Standby time after power-up, s	60
Alarm recovery time (casing tampering, battery discharge), s	10
Notification duration, s	5
Autonomous operation mode, powered by solar module	Yes
Battery voltage, V	12
Battery capacity, Ah	7
Consumption current, mA (maximum)	35
Operating mode	continuous
Operating temperature range, °C	-40 to +50
Overall dimensions (without bracket and antenna), mm	338x350x333
Weight (without bracket), kg (maximum)	6,4

CONNECTION



- X1 - cable for solar module connection
- X2 - cable for antenna connection
- X3 – socket for connecting configuration cable

X1 cable wires designation

Cable color	Designation
Brown	CM +
Blue	CM –



Developed and manufactured in Russia

+7 (8652) 52-44-44
www.stilsoft.ru