

# BRDM unit

STAE.426469.045

## PURPOSE

BRDM unit is designed to receive notifications from security sensors via radio channel and transmit them via Ethernet.

## FIELDS OF APPLICATION

- standalone systems
- in combination with STS-102, STS-105, STS-112, STS-114, STS-116 security sensors
- in combination with STS-931 radio signal repeater
- as part of STS-504 series controllers

## VERSION

- features a hermetically sealed metal casing
- can be equipped with an omnidirectional antenna purchased separately

## FEATURES

- notifications receiving from security sensors via radio channel
- signal transmission via Ethernet

## PECULIARITIES

- extends the operating range in combination with STS-931 radio signal repeater

## SCOPE OF SUPPLY

Name	Quantity
✓ BRDM unit	1 pc.
✓ Self-drilling half-sphere washer with drill bit 4.2x13	2 pcs.
✓ Packaging	1 pc.
✓ Passport	1 copy

## RELIABILITY AND WARRANTY

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

## TECHNICAL PARAMETERS

Parameter name	Quantity
Transmission range with antennas in line-of-sight operation, m (maximum): <ul style="list-style-type: none"><li>– directional</li><li>– pin-type quarter-wave</li><li>– pin-type quarter-wave, guaranteed</li></ul>	9000 2700 1000
Alarm message: <ul style="list-style-type: none"><li>– transmission frequency, MHz</li><li>– radiated power, mW maximum</li></ul>	433 10
Number of sensors in the unit receiving zone, pcs (maximum): <ul style="list-style-type: none"><li>– STS-105, STS-112, STS-931</li><li>– STS-102</li></ul>	63 unlimited
Communication interface standard	Ethernet
Standby time after power-up, s	60
DC power supply voltage, V	12
Current consumption, A (maximum)	0,1
Continuous operation time, h	round-the-clock
Operating temperature range, °C	from -40 to +50
Overall dimensions, mm (maximum)	158x80x59
Weight, kg (maximum)	0,5

## CONNECTION

### Contact pin designation for BRDM unit connection

Cont. #	Designation
8	+12V
10	General
13	Tx (+)
14	Tx (-)
18	Rx (+)
19	Rx (-)

Contacts 1...7, 9, 11, 12, 15-17 are not active

### Default settings

IP address	172.16.16.90
Subnet mask	255.255.255.0



Developed and manufactured in Russia

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