

# T16 RF TRANSMITTER



Connection to control panel using SERIAL interface or TIP/RING landline interface

**RAS3**

RAS3 (Trikdis C) radio protocol, event transmission time 65-75ms



Possibility to use external IP transmitter (Wi-Fi, LAN) as main communication channel



6 inputs, selectable types: NC, NO, EOL (2,2 kΩ)

# FEATURES

RF transmitter T16 is a multifunctional radio device used for transmitting security control panel event messages via TRIKDIS radio networks.

The transmitter can send its own event messages and event messages received from security control panels to the ARC (alarm receiving center) with the possibility to forward to the end user.

## Communication

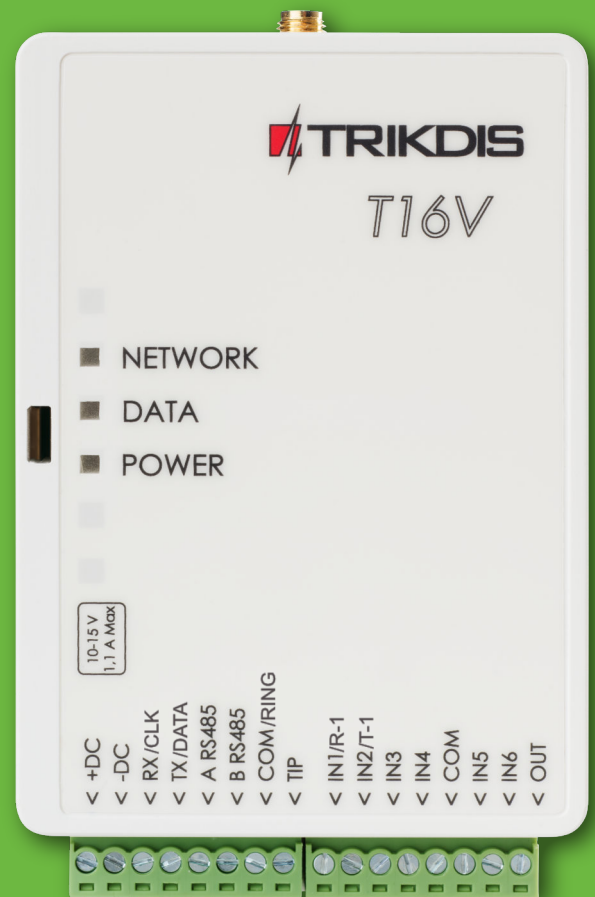
- Sends event messages to ARC.
- RAS3, RAS2M, LARS1, LARS radio network protocols.
- Output power from 1 W to 5 W.
- Possibility to use external IP transmitter as main communication channel.
- Transmission of event messages using Contact ID or 4+2 codes.
- Use of security control panel account ID for multi-area systems.

## Configuration

- Quick and easy installation.
- Firmware updates.
- Two types of access levels (accounts), for the installer and for the administrator.

## Serial port, inputs and outputs

- Universal serial port for connecting various security control panels.
- TIP/RING landline interface can accept messages from the control panel in Contract ID and 4+2 codes.
- RS485 interface for IP transmitters and expansion modules.
- 6 inputs, selectable types: NC, NO, EOL (2,2 k $\Omega$ ).
- 1 output.



PARAMETERS	DESCRIPTION
Power supply voltage	10-15 V DC
Current consumption	Up to 50 mA (stand-by mode) Up to 1,2 A (sending mode)
Radio frequencies	136 MHz – 174 MHz (VHF, T16V transmitter) 430 MHz – 512 MHz (UHF, T16U transmitter)
Radio channels	2
RF output resistance	50 $\Omega$
Secondary emissions	Meets the requirements of EN 300 113
Broadcasting protocols	RAS3, RAS2M, LARS, LARS1, LARS_RAS2M, LARS1_RAS2M
Broadcasting time	60-400 ms (depends on chosen radio protocol)
Memory	Up to 32 messages
Inputs	6, selectable types: NC, NO, EOL (2,2 k $\Omega$ )
Output	1, OC type, commutation voltage 15 V, 1 A
Event message format	Contact ID or 4+2 codes
Operating environment	Temperature from -20 °C to +50 °C, relative air humidity 80 % at +20 °C
Dimensions	113 x 71 x 26 mm
Weight	0,10 kg

