

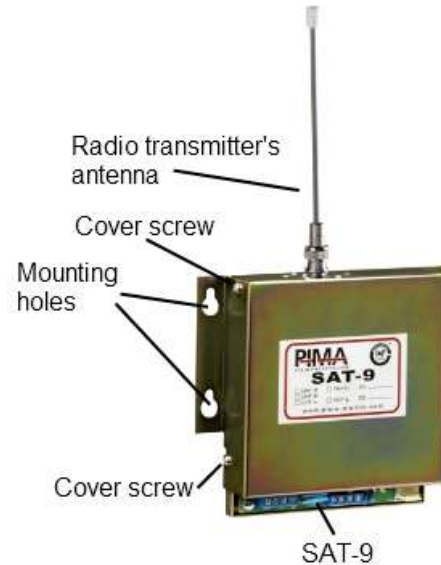
# SAT-9

## Phone line to transmitter Communicator

The SAT-9 is a phone line to radio adapter and communicator. It is made of the SAT-9 card and the TRV-100 or TRU-100 Long-range transmitter. The SAT-9 can be connected to any control panel and it enables the panel to transmit reports to a Central Monitoring Station (CMS) via the Radio. Both transmitters support two frequencies and a variety of protocols.

The SAT-9 has a built-in encoder and it performs periodic auto-tests and telephone line checks.

The parameters of the SAT-9 and the transmitter's frequencies as well as different transmission parameters are programmed by the COMAX Upload/Download PC/ laptop application.



### Technical specifications

Environment	Temperature: °C (-10) - (+50) Humidity: 75%, non-condensed
Operating voltage	9 -14 VDC (12 nominal)
Current consumption	Idle: 15mA Transmitting: 1.5A
PGM input	Voltage (Open): 12V Current (Closed): 1mA Signal Sensitivity: 500mSec
Telephone set output	Voltage (Open): 12V Resistance: 600 Ohm
Frequency range	VHF Low: 136 - 156MHz VHF High: 154 - 174MHz UHF Low: 400 - 435MHz UHF Mid: 435 - 470MHz UHF High: 470 - 500MHz
Bandwidth	12.5KHz
Output power	VHF: Up to 5W±1dB at 50Ω load UHF: Up to 2.5W±1dB at 50Ω load
Frequency stability	2 PPM max
Carrier modulation	FM
Enclosure dimensions	SAT-9: cm 11W x 11H x 6D; Weight : 460 gr. Transmitter unit: cm 14W x 14.5H x 6D; Weight: 129 gr. Metal Box (TD-900): cm 23W x 30H x 10D; Weight: 2.64 Kg