Harsh environment, flexible solution

Quality radio modems for wireless data communication

SATEL Proof-TR4/TR9 IP69K

SATEL Proof-TR4/TR9 is a heavy-duty radio modem that meets the requirements of machine control and smart farming and marine applications. It is built to last dirt, vibration, sand, dust, liquids and lightning.

SATEL Proof-TR4/TR9 consists of an IP69K sealed housing and a radio module of your choice. You can choose the module from one of the following frequency variants:

- 403 ... 473 MHz
- 902 ... 928 MHz ISM license free band

GNSS

SATEL's radio modems and modules offer a first-class solution for GNSS, machine control and smart farming. Accuracy, continuity and availability are essential.

SATEL GO

Mission-Critical Connectivity

Read more: www.satel.com

SATEL is one of the world's leading experts and innovators of radio modems for wireless data communication. Our solutions are used in wide range of industrial applications. We are known for our high quality, expertise, service and support.

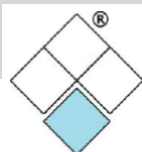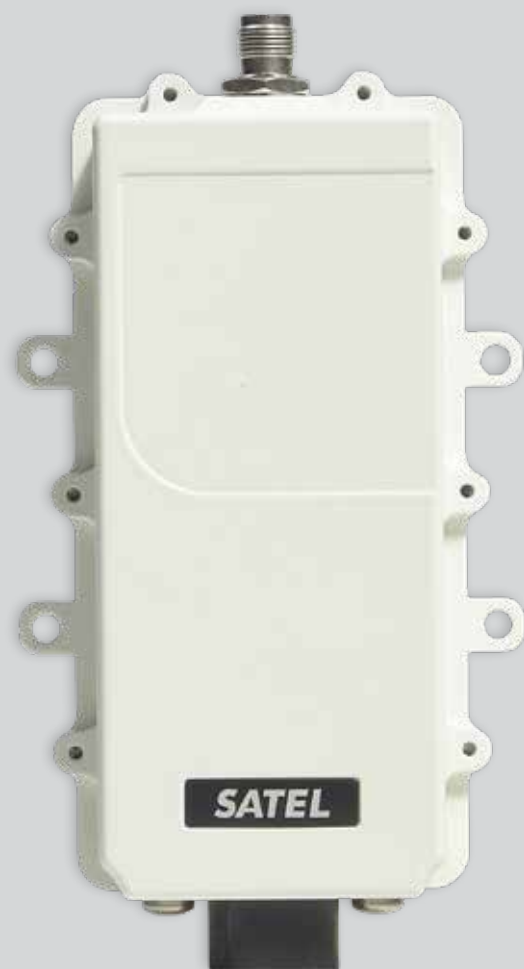**You can contact us directly or get in touch with your local distributor.**

Heavy-duty solution that meets your needs

SATEL Proof-TR4/TR9 is a flexible and cost-effective solution that serves various needs. It has a profound electrical protection; both the power and data lines as well as the antenna interface are surge protected. Because of the IP69K-classification it stands high pressure and hot water. It has additional filtering on GNSS frequencies.

The modem is compatible with SATELLINE-EASy/TR1/TR4/TR9 based radio modems as well as several other radio protocols.

SATEL Proof-TR4/TR9 IP69K

Complies with requirements in	EU USA Canada Australia
Frequency range	403 ... 473 / 902 ... 928 MHz
TX power max.	1 W
RX Sensitivity	-118 ... -105 dBm
Radio data speed max.	28800 bps / 115200 bps
Serial interface	RS-232 (TD, RD lines)
Serial data speed	9600 - 115200 bps
Operating voltage	+6 ... +30 Vdc
Power consumption	RX / TX < 1 W / max. 4 ... 7 W
Interface connector	Deutch DT04-6P-CL09
Antenna connector	TNC female
Size H x W x D	176 x 95 x 42 mm
Weight	<500 g
IP classification	IP69K

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