

R&S®AVG050 ISDB-T BTS Gateway

Gateway with integrated satellite receiver for ISDB-T_B networks



R&S®AVG050 ISDB-T BTS Gateway At a glance

The R&S®AVG050 is a compact BTS gateway with integrated satellite receiver for ISDB-T_B networks.

Key facts

- Integrated DVB-S/DVB-S2 receiver with two CI slots
- ASI input for local services
- TS remultiplexing and BTS output generation
- User-friendly web interface
- Low space requirement (half rack width)
- Low power consumption

Benefits and key features

Integrated satellite receiver

In ISDB-T_B transmitter networks, the input signals from the transmitter stations are often fed by satellite in compliance with the DVB standard. The R&S®AVG050 has an integrated DVB-S/DVB-S2 demodulator that can receive satellite-fed transport streams (TS).

Two common interface (CI) slots are available for decrypting scrambled content fed from satellites. These CI slots can accommodate various conditional access (CA) modules to support two different encryption methods at the same time.

ASI interface

The R&S®AVG050 also has an ASI interface for feeding in local services.

Local remultiplexing

The gateway remultiplexes the satellite-fed or ASI-fed services to a new transport stream.

BTS generator

The gateway generates an ISDB-T_B broadcast transport stream (BTS) with the appropriate modulation parameters for the transmitter.

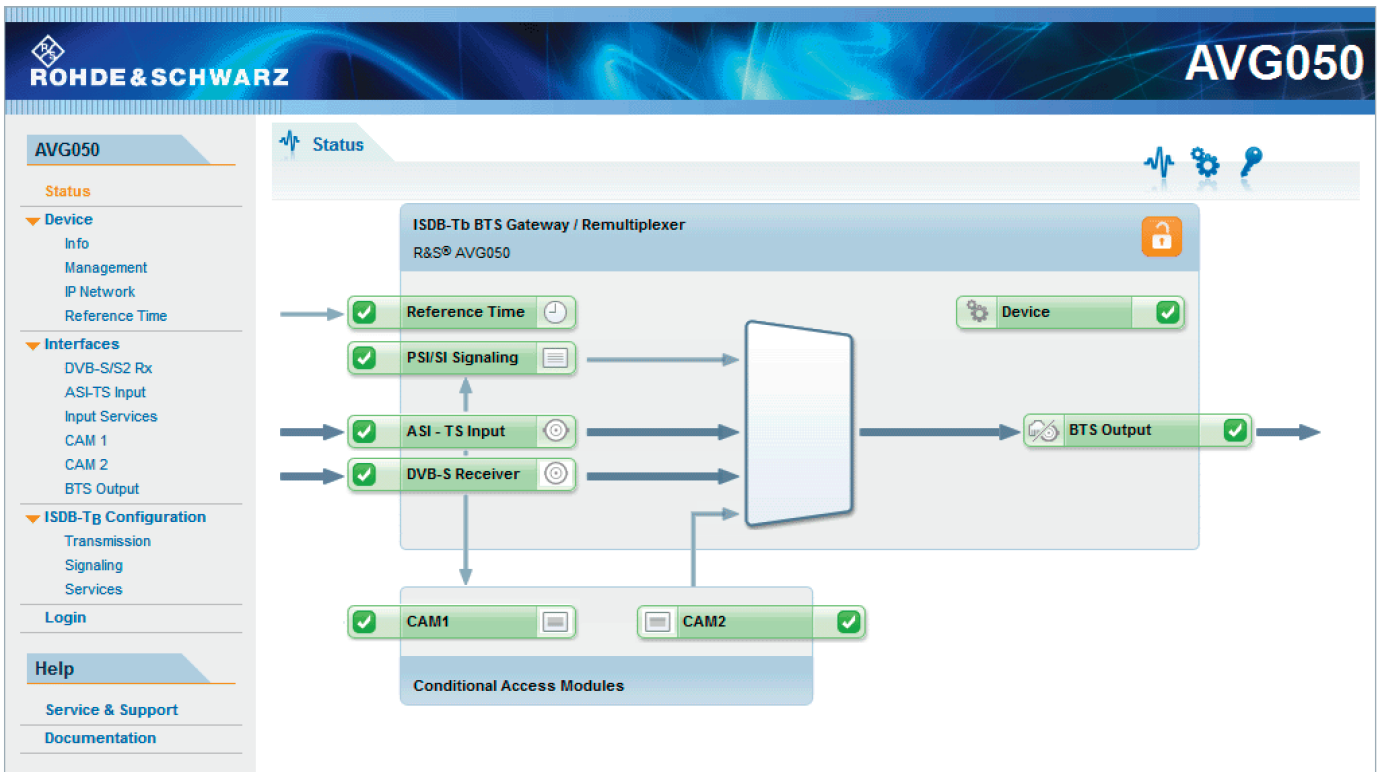
Operation

A clearly organized, intuitive user interface is provided for configuration and monitoring. All commands used for automatic monitoring and device settings can also be configured via an SNMP interface.

Compact

The very compact gateway is only half the width of a 19" rack and consumes very little power, making it ideal for use with ISDB-T_B compliant terrestrial transmitters.



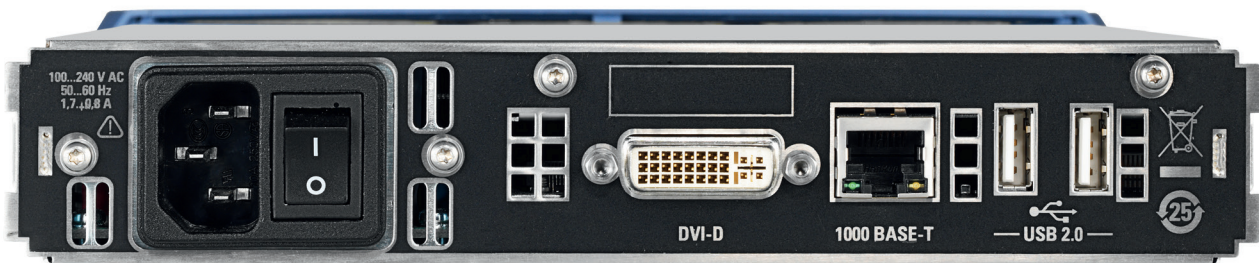


Graphical user interface of the R&S®AVG050.

Ordering information

Designation	Type	Order No.
R&S®AVG050 ISDB-T BTS Gateway	R&S®BTS-RM-BU1	5303.9910.02

For data sheet, see PD 3606.8472.22 and www.rohde-schwarz.com



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PD 3606.8472.12 | Version 01.00 | July 2013 | R&S®AVG050
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3606847212