

WISI GTESCR

Software option for DVB-Simulcrypt-Scrambling



Description

The software option GTESCR enables DVB-CSA simulcrypt scrambling on the TANGRAM platform. GTESCR allows the scrambling of video and audio services using a TRNG generated control word and the connection of an authentication server (CAS) via the IP interfaces of the headend. The combination of the TANGRAM DVB-CSA scrambler and the external CAS protects the content for unauthorized access while transmission. Multiple CAS can be connected to the TANGRAM and offers a powerful simulcrypt system.

Scope of delivery

- After buying the software option you can download the entitlement file which includes the software option on www.wisiconnect.tv.

At a glance:

- DVB-CSA1 and DVB-CSA2 scrambling
- Enhanced control word (CW) generator with TRNG (True Random Number Generator)
- EMMG connection interface
- ECMG connection interface
- Multiple service scrambling
- PID level scrambling

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Technical data

DVB-CSA / Simulcrypt interface

Interface	IP
Number of encrypted Services	128 per GTESCR
Number of encrypted PIDs	512 per GTESCR
Supported scrambling keys	Max. 150 per module (shared key memory)
Interface protocol version support	ECMG <=> SCG: V2 and V3 / EMMG/PDG <=> MUX: V2 and V3
DVB compliance	DVB-Simulcrypt (ETSI TS 103 197)
Support of selective scrambling	Yes, individual configurable (10%, 25%, 50%, 75%, 100%)

Packaging data

Sales unit	1 pcs.
EAN	4010056771263
Article number	77126