

# WISI GNSCR

Software option for DVB-Simulcrypt-Scrambling



## Description

DVB-CSA Scrambling in the CHAMELEON is enabled by the Software option GNSCR (Simulcrypt scrambling). The GNSCR SW option allows you to use the TANGRAM as a scrambler for encryption of the output services by connecting to a Conditional Access Server (CAS) via the IP interface. Together with the CHAMELEON scrambler and the CAS you can build your solution for protect the copyrighted content. The extension SW option GNSCRX enables the maximum number of scrambled service.

## Scope of delivery

- After buying the software option you can download the entitlement file which includes the software option on [www.wisiconnect.tv](http://www.wisiconnect.tv).

## At a glance:

- DVB-CSA scrambler
- Supports MPEG-2 H.262 and MPEG-4 H.264 scrambling (SD & HD)
- Control word (CW) generator
- EMMG connection interface
- ECMG connection interface
- Multiple service scrambling
- PID level scrambling

## Technical data

DVB-CSA / Simulcrypt interface @fett	
Interface CAS	IP
Number of encrypted Services	up to 32 with GNSCR and up to 128 with GNSCR + GNSCRX
Number of encrypted PIDs	up to 128 with GNSCR and up to 512 with GNSCR + GNSCRX
Maximum scrambling throughput	Max. 850 Mbps
Unterstützung Verschlüsselungskeys	Max. 150 per module (shared key memory)
Scramblable outputs	IP, DVB-C (QAM), DVB-T (COFDM)
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.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056717599
Article number	71759
Customs tariff number	85437090