

# WISI GNCRX

Software option for DVB-Simulcrypt-Scrambling



## Description

DVB-CSA Scrambling in the CHAMELEON is enabled by the Software option GNCR (Simulcrypt scrambling). The GNCR 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 GNCRX 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

Interface CAS	IP
Number of encrypted Services	up to 32 with GNCR and up to 128 with GNCR + GNCRX
Number of encrypted PIDs	up to 128 with GNCR and up to 512 with GNCR + GNCRX
Maximum scrambling throughput	Max. 850 Mbps
Supported scrambling keys	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.
EAN	4010056748999
Article number	74899