

Simulcrypt Scrambling

GNSCR

CHAMELEON GNSCR Scrambling

Scrambling in the CHAMELEON is enabled by the SW options GNSCR (Simulcrypt scrambling). The GNSCR SW option allows you to use the Chameleon as a scrambler for encryption of the output services by connecting to a Conditional Access Server (CAS) via the IP interface.

- DVB-CSA SCRAMBLER
- CONTROL WORD (CW) GENERATOR
- EMMG CONNECTION INTERFACE
- ECMG CONNECTION INTERFACE
- MULTIPLE SERVICE SCRAMBLING
- PID LEVEL SCRAMBLING

Any Video from any Source to any Device

The CHAMELEON product line is the first ever to cover almost every need for Cable-TV and SMATV distribution with only one hardware. The different inputs and outputs are defined by software and hardware options and all software options can be updated any time.



Graphical User Interface for easy set up of complex systems. Simple handling of service remultiplexing and automatic PSI/SI regeneration. Each CHAMELEON contains an embedded web server for management and control. Standard web browsers (Explorer, Mozilla etc.) are supported.

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General information about SW options

A SW option purchased for a CHAMELEON can only be used in this specific CHAMELEON. When ordering a SW option for a specific CHAMELEON, the serial number of the CHAMELEON must be stated. SW options can be ordered together with the CHAMELEON HW modules, or separately to an existing CHAMELEON module.

Technical Information

DVB-CSA / Simulcrypt interface	
Interface	IP
Number of encrypted PIDs	64 PIDs per output
Number of SCG	64 SCG per output (64 CWG per output)
Scramblable outputs	DVB-C, DVB-T, ASI, (IP)
Interface protocol version support	ECMG <=> SCG: V2 and V3 EMMG/PDG <=> MUX: V2 and V3
DVB compliance	DVB-Simulcrypt (ETSI TS 103 197)

SW options	Article number	Description
GNSCR	71759	Simulcrypt (DVB-CSA) scrambling

Related SW options, and constraints	
GNCI, GNDCI	Enabling decryption via professional CAMs
GNMUX	Allowing selection of services from any input to an output

Related Hardware



CHAMELEON GN50 and GN40

19 inch subracks fitting up to 10 Chameleon modules

GN50: 3 HU subrack with embedded GigE switch, embedded fans and PSU, and redundant PSU as option

GN40: 4 HU subrack including PSU and fan unit.

For more information about GN40 and GN50, please contact WISI sales, or visit our web site www.wisi.de.



CHAMELEON GN01 and GN20

GN01: Wall mount subrack for 1 or 2 Chameleons with mbedded PSU and fans.

GN20: 1 HU 19 inch subrack for 1 or 2 Chameleons with embedded PSU and fans.

For more information about GN20 and GN01, please contact WISI sales, or visit our web site www.wisi.de.