# SDI Output

GNSSDI, GNDSDI

## CHAMELEON GNxSDI
## Single & Dual Outputs

The CHAMELEON SDI outputs are enabled by the SW options GNSSDI (single SDI output) and GNDSDI (dual SDI output). Complying to the SMPTE 259M and SMPTE 272M, the Chameleon SDI outputs gives access to broadcast grade video and audio for professional applications in all types and sizes of Headends.

- DUAL INDIVIDUAL SDI OUTPUTS VIA 2 BNC CONNECTORS
- EMBEDDED AUDIO – MONO, STEREO, DUAL SOUND
- UNCOMPRESSED DIGITAL COMPONENT SIGNALS
- 270 MBIT/S

## 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 distrubution 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

| SDI output | |
|---|---|
| Video output | SDI, audio embedded |
| Audio output | Stereo, Mono or Dual Sound |
| Bit rate | 270 Mbit/s |
| Compliance SDI-SD | SMPTE 259M-C, SMPTE 272M |
| Connectors | 2 x BNC [1] |

[1] BNC connectors shared with ASI

| SW options | Article number | Description |
|---|---|---|
| GNSSDI | 71754 | Single SDI out, independent of physical BNC connector used |
| GNDSDI | 72233 | Dual SDI out, both BNC connectors can be used |

| Related SW options, and constraints | |
|---|---|
| GNCI, GNDCI | Enabling decryption via professional CAMs |

## 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.

CHAMELEON

Specification may be subject to change without notice.

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