N+1 Redundancy

GNNRED

CHAMELEON GNNRED
N+1 Module Redundancy

The N+1 module redundancy for GN50 is enabled by the SW option GNNRED. The N+1 redundancy for GN50 provides the functionality to set up redundancy groups, and assigning CHAMELEONS as "operational" or "reserve" for the groups. The "reserve" CHAMELEON in a redundancy group is kept "off-line" until it needs to be used due to a failure in an operational CHAMELEON.

- N+1 REDUNDANCY AND 1+1 REDUNDANCY
- UP TO 5 REDUNDANCY GROUPS
- STATUS INFORMATION IN UI
- GN50 STORING CONFIGURATION FILES FOR ALL OPERATIONAL CHAMELEONS
- AUTOMATIC FAIL-OVER

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

N+1 Redundancy	
Number of redundancy groups	Up to 5 groups
Maximum number of operational units	9 (1 redundancy group with 1 redundancy CHAMELEON)
Auto fail-over	Yes
Recovery	Manual recovery, and automatic recovery when failing unit is replacedv

SW options	Article number	Description
GNNRED	73287	N+1 module reduddancy

Note: The N+1 redundancy is managed by the embedded GT11 switch in GN50, and the GNNRED SW option should be associated to the GN50. CHAMELEON modules do not need any additional SW option for the N+1 redundancy.

Related SW options, and constraints	
GNRED	IP Input redundancy for CHAMELEON module

Redundancy mode examples
One redundancy group with 9 operational Chameleons and one redundancy Chameleon
Five redundancy groups with 1+1 redundancy for each group

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

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