

WISI GNHWA Chameleon Processor for Broadcast Feed Reception

Cost-Effective 8VSB, QAM, ASI or IP Receiver for Smaller Network Applications

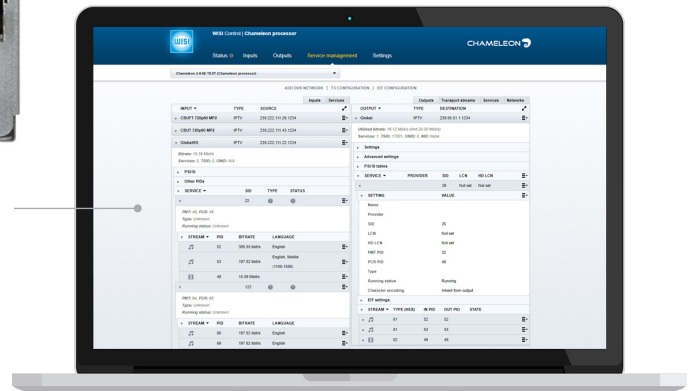
- ✓ Receive up to 2x 8VSB/ATSC, 2x QAM, 2x ASI and/or up to 32x IP inputs
- ✓ Output Analog, SDI, QAM, ASI or IP
- ✓ Input and output multiple formats simultaneously
- ✓ IP RTP + FEC transmit and receive
- ✓ Redundant power and video redundancy options
- ✓ Video and audio decoder for HD and SD content

Chameleon Processor



Versatile and flexible video processor that handles multiple formats simultaneously

Easily manage and monitor all of your installations from any device with user-friendly web UI



Rest easy with reliable 24/7 operation thanks to quality WISI engineering and strong North American technical support

Applications

- ✓ Receive off-air 8VSB broadcast feeds and stream in IP.
- ✓ Receive content at broadcaster site via GigE or ASI, with RTP + FEC.
- ✓ Enjoy headend visibility and monitor streams from Chameleon with a visual mosaic using Inca's All Seeing Eye.
- ✓ Experience an ideal solution for smaller networks & low-density applications to connect between analog to digital and/or RF to IP environments.

WISI GNHWA Chameleon Processor - Technical Specifications	
RF-Inputs ATSC 8VSB/QAM	2x 8VSB or QAM tuners per module
ASI-In-/Output	Max. 2x
Analog	1x output channels
GigE IP-Inputs and Outputs	32 included (up to 128 with additional license upgrade)
HD/SD-SDI Output	
Number of Outputs	1x HD-SDI or 2x SD-SDI
HD Video Formats	1080i@50/60, 720p@50/60
SD Video Formats	576i@50, 480i@60

Chameleon Processor

Receive broadcast feeds using 8VSB, ASI, or GigE



MULTI-FORMAT HEADEND VIDEO PROCESSOR

Flexibility and Customization on the Fly • Change Inputs/Outputs with the Click of a Button • Manage on the Go



Chameleon Chassis Options		
GN20R	GN20B	GN50
1RU subrack for up to 2 Chameleon modules	1RU subrack for up to 2 Chameleon modules	3RU professional subrack for up to 10 Chameleon modules
Integrated fan	Integrated fan	Integrated Ethernet switch and fan
Dual redundant power	Single power	Single PSU with option for redundant power
2x <60 W	<60 W	<245 W
482.6 x 44.45 x 235 mm (19" x 1.75" x 9.25")	482.6 x 44.45 x 235 mm (19" x 1.75" x 9.25")	443 x 132 x 475 mm (3RU, 19"- Rack) (17.44" x 5.2" x 18.7")



Other Chameleon Modules	
Chameleon encoder module for HD/SDI or A/V inputs	Up to 4 HD/SD-SDI or A/V analog inputs per module Encode to HD/SD MPEG-4 or MPEG-2
Chameleon encoder module for HDMI input	Up to 4 HDMI inputs per module Encode to HD/SD MPEG-4 or MPEG-2

Ordering Part Numbers <i>(More license options available, ask your sales rep.)</i>	
GN20R	Chassis with support for up to 2x Chameleon Modules 19" 1RU with 2 redundant PSU and fans
GN20B	Chassis with support for up to 2x Chameleon Modules 19" 1RU with single PSU and fans
GN50W 0110	Chassis with support for up to 10x Chameleon Modules 19" 3RU with with integrated GigE switch + fan + 1PSU 110VAC , prepared for redundancy
GNHWA	Processor module with two fully licensed tuners for ATSC and QAM annex B
GNHWENC2H	Encoder module for MPEG 2/4 SD/HD with 4x HDMI input
GNHWENC2S	Encoder module for MPEG 2/4 SD/HD with 4 x SDI /HD SDI/AV input
GNCORE	GNHWA activation license, includes support for: - 8VSB, QAM, ASI, IP inputs and outputs - Analog output - HD/SD SDI decoder - Multiplexer - IP RTP + FEC - Transport stream monitoring and logging - Inca All Seeing Eye compatibility

To arrange an online demonstration or discuss your project, please
send a request to sales@incanetworks.com

