

WISI Chameleon Encoder HD/SD - HDMI® SDI/HDSDI and AV Analogue H.264 to IP/ASI 14MM-GNHWENCW



For the Best

The WISI Chameleon GNHWENCW is an HDMI®/HDSDI/SDI/AV encoder for use in professional headend solutions. Encodes sources to IP in H.264 format. The encoder can be used in different base units depending on the scale of the system, GN20 can house up to 2 cards, or the larger GN40 and GN50 can accommodate up to 10 cards.

Features and Benefits

- » ISO/IEC 14496-10 (H.264/AVC) High Profile, Level 4.0
- » HDMI®, HDSDI/SDI or AV Analogue inputs per module
- » Professional multiplexer integrated
- » SPTS and MPTS streaming (CBR or VBR)
- » Chameleon Web UI for setup and control
- » Composite Video and SDI via BNC ports



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SDI/HDSDI and AV Analogue H.264 to IP/ASI

14MM-GNHWENCW



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14MM-GNHWENCW Specifications

Analog Video Input	
Number of Ports	2 x BNC Ports
Input Format	CBVS (Composite FBAS-signal) PAL (B/G, H, I, M, N), NTSC, SECAM
Input Impedance	75Ohm
Analog Audio Input	
Number of Ports	3 x 3.5mm Jack Ports
Input Format	Left, Right Asymmetrical
Input Impedance	600Ohm/15kOhm (switchable)
SDI Input	
Number of Ports	2 BNC ports
Input Video	SDI, Audio Embedded
Input Audio	Stereo/Mono/Dual Sound
Input Format	1080i50, 1080i60, 720p50, 720p60
Input Impedance	75Ohm
HD-SDI Input	
Number of Ports	1 BNC port, hard wired to BNC port 1
Input Video	HD-SDI, Audio Embedded
Input Audio	Stereo/Mono/Dual Sound
Input Format	1080i50, 1080i60, 720p50, 720p60
Input Impedance	75Ohm
HDMI Input	
Number of Ports	1 x HDMI
Input Format HDMI	1080i50, 720p50, 576i50
Compliance HDMI	HDMI 1.4a (no scaling)
Encoding Parameters Video	
Video System	ISO/IEC 14496-10 (H.264/AVC) High Profile, Level 4.0
Picture Size SD	576i50
Picture Size HD	1080i50, 720p50
Picture Format SD	4:3
Picture Format HD	16:9
Encoding Parameters Audio	
Audio System	ISO 11173-3 (MPEG-1 L2) Dolby Digital AC3 MPEG-2 AAC (LC(HE))
Number of Audio Channels	2 per Video Input
ASI TS Output	
Number of Ports	1 x F Connector Port
Packet Size	188 Byte
ASI Output Capacity	1 TS (MPTS or SPTS)
IP TS Output	
Output Bitrate	Max 50Mbit/s

Connector	GN40: RJ45 GigE GN50: SGMII GigE
Output Protocol	UDP/RTP Multicast/ Unicast
IP Output Format	CBR/VBR (MPTS or SPTS)
IP Output Capacity	Max 2 TS
Miscellaneous	
GigE/Control/Power (Backplane)	Compact PCI Type C (SGMII)
GigE/Control for GN40	2 x RJ45 GigE, 1 Streaming, 1 Management
Power Supply	12VDC nom. (9-14VDC)
Power Consumption	Typ. 15W, max. 18W
Dimensions	230 x 105 x 40mm (excl. connectors)
Weight	Approx. 640g
Controller Embedded	Web Server, SNMP
Operating Temperature	5° - +45°C