

Encoding Analog - Digital

Up to 8 simultaneous programs - ANTIK ENCODER EN 4900

Antik Encoder EN 4900 is an integrated high density MPEG-2 Encoder. Eight streams of base-band Standard Definition (SD) real time A/V programs could be encoded simultaneously. These encoded streams could be re-multiplexed with the stream from its ASI input port. The final re-multiplexed Transport Stream (TS) is available at its Gigabit TS over IP port and ASI output port.



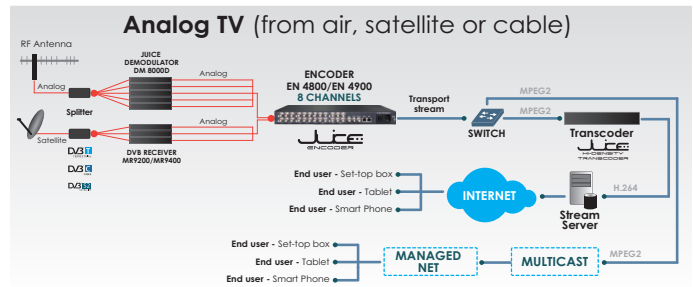
Key Features

- Support 8AV, 1 ASI Input
- Support MPEG2 format encoding
- Support PAL NTSC format
- Support Maximal 108Mbps ASI input
- 0.8Mbps~20Mbps each channel
- Support D1, HD1, 2/3D1, 3/4D1 resolution
- Support multiplexer function
- Support ASI and IP output
- Support Keyboard and LCD operation
- Update device through NMS port

Specification

- | | | |
|---|---|--|
| <p>Video Resolution:</p> <ul style="list-style-type: none"> • PAL 720×576_50i, 704×576_50i, 640×576_50i, 320×288_50i, 176×288_50i, 176×144_50i • NTSC 720×480_60i, 544×480_60i, 352×480_60i, 320×240_60i, 176×240_60i, 176×120_60i • Encoding MPEG-2 MP@ML • Bit-rate 0.125Mbps~19Mbps each channel • Rate Control CBR/VBR • GOP Structure IPPPP, IBPBP, IBBPB, IBBBP • Advanced Pretreatment De-interlacing, noise reduction, sharpening | <p>System Function</p> <ul style="list-style-type: none"> • LCD/keyboard operating, NMS support-ing • English control interface • Ethernet software upgrade <p>Input</p> <ul style="list-style-type: none"> • 8 CVBS inputs , BNC interface • 8 pairs unbalanced stereo audio input, BNC interface • 1 ASI input, BNC interface <p>Stream Output</p> <ul style="list-style-type: none"> • 2*ASI output, BNC interface • MPTS over UDP, 10/100Base-T Ethernet interface (UDP uni-cast • /multicast), 8 SPTS (optional) | <p>Audio</p> <ul style="list-style-type: none"> • Encoding MPEG1 Audio Layer 2, LC-AAC, HE-AAC • Sampling rate 32 KHz, 44.1 KHz, 48KHz • Bit-rate 32Kb/s~384Kb/s each channel <p>Multiplexing</p> <ul style="list-style-type: none"> • 1 ASI input multiplexed with local 8 channels of TS <p>Interfaces On Rear Panel</p> <ul style="list-style-type: none"> • Dimension (W× L× H) 482mm×455mm×44mm • Approx weight 4kg • Temperature 0~45 °C (work), -20~80 °C (Storage) • Power AC 100V-220V±10%, 50/60Hz • Consumption 17.6W |
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	Function	Encoder EN 4900-CVBS	Encoder EN 4900-HDMI	Encoder EN 4900-SDI
Input	8x CVBS	•		
	8x HDMI		•	
	8x SDI			•
	ASI	•	•	•
Output	2x ASI (1x Backup)	•	•	•
	Gigabit Ethernet	•	•	•



Back Panel EN 4900 Encoder