

	S.C. MultiNET S.R.L. Romania, Baia Mare, Bd. Unirii Nr.11 A/J, Cod: 430271 Tel. 0262-222201, Fax: 0262-220729 arpi@multinet.ro , www.videocapture.multinet.ro R.C.: J24 / 1183 / 1994, C.U.I.: RO 5783680			
26 Ani de Buna Practica in MULTImedia & NETworking	IBAN: RO87 BTRL 0250 1202 A485 12XX Baia Mare	RO-3934 RO-9078	Nr.9078 26-6-2015	Nr.3934 26-6-2015

3211enc

MPEG2 / H.264 **HD/SD** Encoder and Multiplexer



● 4 stereo/8 mono audio output

● Huge video buffer

● CC(closed caption), EIA 608 & EIA708

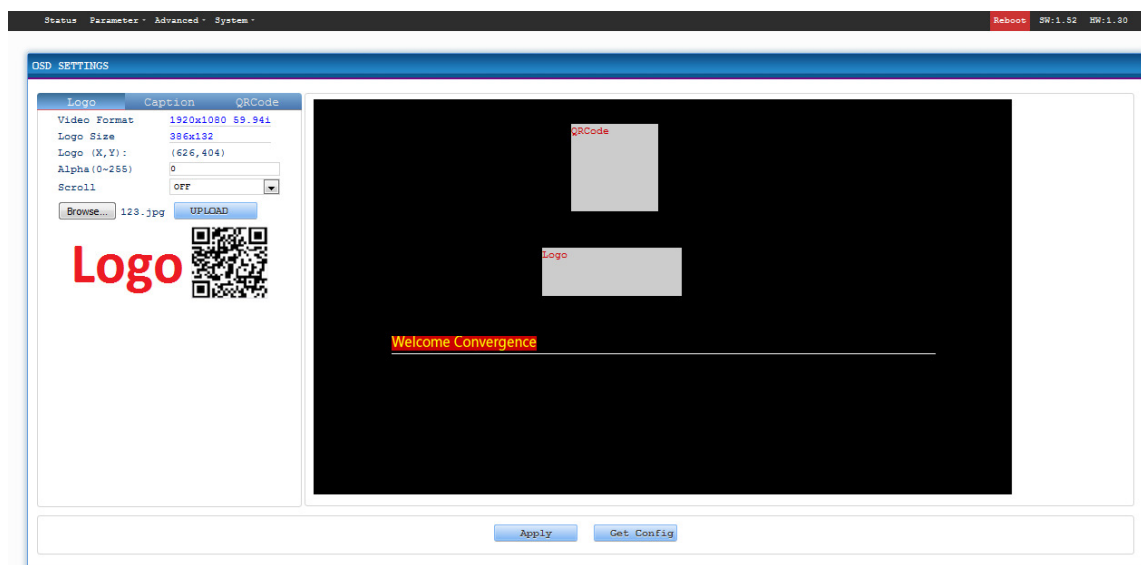
● QR code, Logo, OSD Inserted

● RTP (FEC, SMPTE 2022-1/2) output

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QR CODE, LOGO, OSD Insertion Function Preview



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StatusParameterAdvancedSystemRebootSW:1.52 HW:1.30

OSD SETTINGS

LogoCaptionQRCode

Video Format1920x1080 59.941
Caption (X,Y):(212,646)
Alpha(0-255)0
ScrollON
Speed80
Length1800
Font Size40 pxFontWeightNormal
Max Chars100 line/p Size:400x40
Text ColorYellowBackground:Red
Welcome Convergence
AddCaption

QRCode

Logo

Welcome Convergence

ApplyGet Config

LogoCaptionQRCode

Video Format1920x1080 50i
QRCode Size1000 x 1000
QRCode (X,Y)(16,34)
Alpha (0-255)0
QRCode URL:
http://www.dsdtvb.com
Browse...No fileUPLOAD
AddQRCode

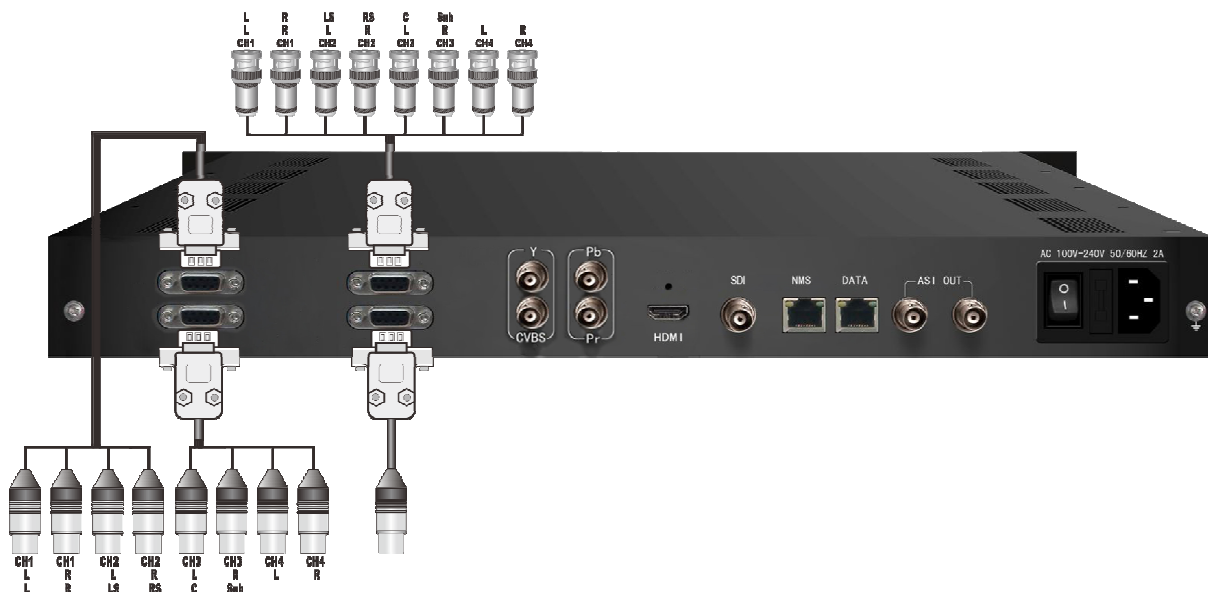
QRCode

Please input your caption here

ApplyGet Config

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3211enc MPEG-2/H.264 HD Encoder is the new broadcasting audio & video encoding device with powerful functionality. It is equipped with multiple video input interfaces (SDI, CVBS, YPbPr and HDMI) and audio input interfaces (AES, RCA and XLR) to make it possible to be compatible with different signal sources.

Multiple audio and video encoding formats are available to meet customers' various requirements. It supports 4 stereo (8 mono) mix with the video to form a stream output. The encoded program will finally output in TS through ASI/IP port.

3211enc has QR code, LOGO and OSD insertion function. It will show 3 functions at same time. Operator can insert advertisement picture, own LOGO, special QR code, OSD content on encoding process independent of STB. It will bring more profit for the product's user.

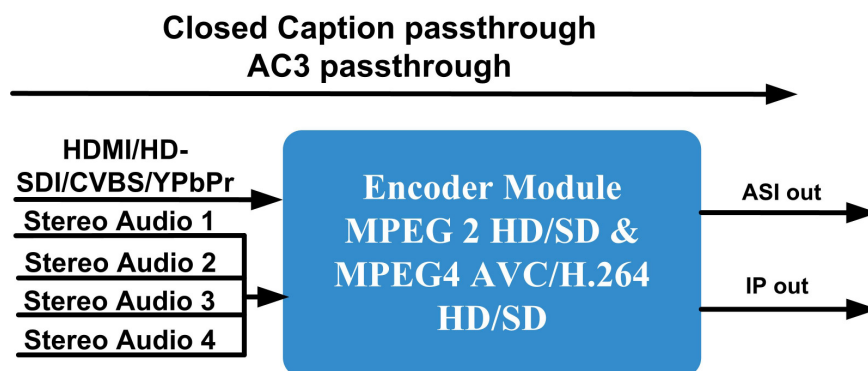
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Key Features

- **Supports QR code, LOGO, OSD insertion**
(Languages Supported: 中文, English, العربية, اردو, etc. ...)
- MPEG-2 HD/SD and MPEG-4 AVC/H.264 HD/SD video encoding
- MPEG1 Layer II, HE-AAC (v1&v2), LC-AAC and DD AC3 audio encoding
- Supports DD AC3 audio passthrough (for SDI in)
- Supports 4 stereo or 8 mono audio encoding
- Supports ASI output and IP over UDP and RTP (**FEC, SMPTE 2022-1/2**) output
- Supports 1080i, 720p, 480i, 576i video resolution and downscale transform
- Supports video buffer, free to switch video sources (all video interface available)
- Supports CC (closed caption), EIA 608 and EIA 708 (for CVBS and SDI in)
- LCD / keyboard control and web management
- Supports low latency

Inner Principle Chart



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Specifications

Video	Interface	1×SDI, 1×CVBS, 1×YPbPr and 1×HDMI		
	Resolution	Input	Output	Interface Applicable
		1920×1080i@60	1920×1080, 1440×1080, 1280×1080i, 960×1080i	HDMI, SDI, YPbPr
		1920×1080i @59.94		
		1920×1080i @50		
		1280×720p@60	1280×720, 960×720p, 640×720p	HDMI, SDI, YPbPr
		1280×720p@59.94		
		1280×720p@50		
		720×576i@50	720×576, 704×576, 640×576, 544×576, 528×576, 480×576, 352×576	SDI, CVBS
	720×480i@59.94	720×480, 704×480, 640×480, 544×480, 528×480, 352×480	SDI, CVBS	
	Encoding	MPEG-2 HD/SD; MPEG-4 AVC/H.264 HD/SD		
	Bitrate Range	0.20 – 60.00 Mbps		
	Rate Control	CBR		
	GOP Structure	Auto, IP, IPB, IPBB, IPBBB		
Aspect Ratio	4:3, 14:9 (for SD video), 16:9 (for HD video)			
Chroma	4:2:0, 4:2:2			
Audio	Interface	4×XLR, 4×RCA, 1×AES, 1×HDMI, 1×SDI (support maximum 4 stereos synchronous processing)		
	Encoding	MPEG-1 Layer II, HE-AAC (v1&v2), LC-AAC, DD AC3 (2.0 available); DD AC3 passthrough (for SDI in)		
	Sampling rate	48KHz		
	Bit-rate	32Kbps~640Kbps		
Low Delay options		150ms, 200ms, 350ms, 650ms		
Stream output		2×ASI output ports, BNC interface		
		IP over UDP and RTP (FEC, SMPTE 2022-1/2), 100 Base-T Ethernet interface (UDP multicast/unicast)		
System function		LCD / keyboard and web management		
		Language: English		
		Ethernet software upgrade		
General	Dimensions	482mm×405mm×44.5mm (W × D × H)		
	Temperature	0~45℃(Operation), -20~80℃(Storage)		
	Power	AC110V±10%, 50/60Hz; AC 220V±10%,50/60Hz		

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