FIBER OPTIC PRODUCT
ONUS
ONUS PLUS INTERTRADE CO., LTD.

บริษัท โอนัส พลัช อินเตอร์เทรด จำกัด
ONUS PLUS INTERTRADE CO., LTD.

NDS3228A 8 IN 1 MPEG-2/MPEG-4 H.264 SD Encoder Low bit rate (Magnum Chip set)

NDS3228A 8 in 1 MPEG-2/H.264 SD Encoder is our newest professional SD audio & video encoding and multiplexing device with powerful functionality. It has 8 independent channels of unbalanced audio & CVBS video input interfaces or SD-SDI input interface, supporting MPEG-2 and H.264 encoder type. Furthermore, it can support the MPEG-1 Audio layer 2, LC-ACC, HE-AAC, and each channel can support ultra low bit-rate. Moreover, it has an ASI input and can multiplex the input TS with the 8 encoded SPTS to generate a MPTS output, and users can select the MPTS and 8 SPTS through the front panel operation.

Features

- Support H.264,Mpeg2 video encoding
- Support MPEG1 Layer 2_LC-AAC,HE-AAC(v2) audio encoding
- Applicable for one seg(ISDB-T) utilization
- Support PSI/SI editing and inserting
- Supports VBR/CBR video bitrate mode
- Supports MPTS or 8(4) SPTS UDP IP Output
- Real-time output bit-rate monitoring
- LCD / keyboard and SNMP/web management

Specifications :		
Input	NDS3228A	8×CVBS inputs , BNC interface
		8 pairs unbalanced stereo audio inputs, BNC interface
		1×ASI input, BNC interface
Video	Resolution	PAL : 720*576i/352*288i/320*240i/320*180i/176*144i/ 160*120i/160*90i @50Hz NTSC:720*480i/352*288i/320*240i/320*180i/176*144i/160*120i/160*90i @59.94Hz
	Encoding	MPEG-2 /H.264
	Bit rate	0.25~15Mbps for H.264 encoding 0.5~15Mbps for MPEG-2 encoding
	Rate Control	CBR/VBR
	GOP Structure	IPPPP, IBPBP, IBBPB,IBBBP
	Advanced Pretreatment	De-interlacing, noise reduction, sharpening
Audio	Encoding	MPEG1 Layer 2, LC-AAC,HE-AAC(v2)
	Sampling rate	48Kbps
	Resolution	24 bit
	Bitrate	32Kbps~384Kbps (each channel)

Tel. : 089-200-1697 , 02-958-8059 Fax : 02-958-8800
E-Mail : support@onus.co.th
www.onus.co.th

Multiplexing	1 ASI Input for multiplexing	
Stream output	2 × ASI outputs, BNC interface	
	MPTS or 8×SPTS over UDP, 10/100Base-T Ethernet interface	
System function	LCD/keyboard operating, SNMP/web management Chinese-English control interface	
	Ethernet software upgrade	
General	Dimensions(WxDxH)	482mm×455mm×44.5mm
	Approx weight	4kg
	Temperature range	0~45 ℃ , (operation) -20~80 ℃ , (storage)
	Power Supply	AC 100V±10%, 50/60Hz or AC 220V±10%,50/60Hz
	Power consumption	25W