

Main Specifications

	Encoder	Decoder	Specification
Video	Input Format	Output Format	HD-SDI(SMPTE292M, SMPTE296M), SD-SDI(SMPTE259M)
	Encoding Format	Decoding Format	MPEG-4/AVC(ISO/IEC 14496-10), MPEG-2(ISO/IEC 13818-2)-Option
	GOP Structure		I-Only, P-Only, IP, IBP, IBBP
	Chroma format		4:2:0 / 4:2:2
	Video format		1920/1440x1080i, 1280x720p 720x576i, 720x480i
	Frame rate		1080i: 50/59.94/60, 720p: 50/59.94/60 576i: 50, 480i:59.94
	Profile@Level(MPEG-2)		HD: MP@HL, 422P@HL SD: MP@ML, 422P@ML
	Profile@Level(MPEG-4/AVC)		Main, Hi, Hi10-Option, Hi422-Option
	Video rate		MPEG-2: Max 150Mbps MPEG-4/AVC: Max 80Mbps
	Closed Caption		Encoder: SMPTE333, SMPTE334 Decoder: SMPTE334
Audio	Input	Output	Embedded audio: 8ch(4 Stereo), AES/EBU: 8ch(4 Stereo)
	Encoding Format	Decoding Format	MPL2-Mono/Dual mono/Stereo/Joint stereo SMPTE302M 2/4/6/8ch AC3(1/0), AC3(2/0), AC3(5.1) Pass through(Dolby-E/Dolby digital 5.1)
	Input analog audio	Output analog audio	4ch(2 Stereo), Impedence: 600Ω or 20kΩ
Network	Output interface	Input interface	IP(FEC), DVB-ASI, DS3(FEC)-Option
Control	Local operation		Front panel navigation key
	Remote operation		EMS, Web based GUI
Internal test signal			Video: Moving color bar, Audio tone: 1KHz(-18dB/-20dB)
Dimension(WxHxD)			440mm x 44mm x 430mm (1-RU, 19" Rack type)
Weight			5kg
Operating Temperature			0℃ ~ 50℃
Power Source			100 ~ 240VAC
Power consumption			≤ 50Watt(@220VAC)

Wintek Broadcasting exchanger

H.264/MPEG-2
Chroma 4:2:0/4:2:2
Compliant

H.264

winBex-E4210/winBex-D4210
HDTV/SDTV Encoder/Decoder

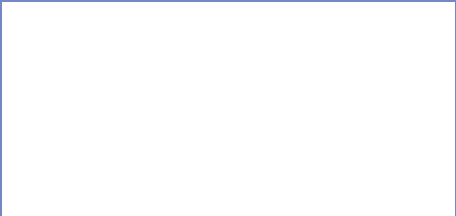


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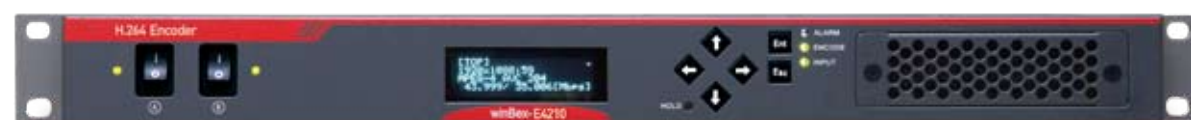
Address : 경기도 의왕시 포일동 511 윈텍벤처빌딩 3층
TEL : 031 425 2277 / FAX : 031 425 2278
E-mail : wintek@wintek.co.kr
URL : http://www.wintek.co.kr

Sales Agent



wintek
Broadcasting
exchanger

winBex-E4210/winBex-D4210



winBex-4210은 H.264 및 MPEG-2 겸용 Codec으로
8bit 와 10bit Profile@Level(MPEG-4/AVC)을 지원합니다.

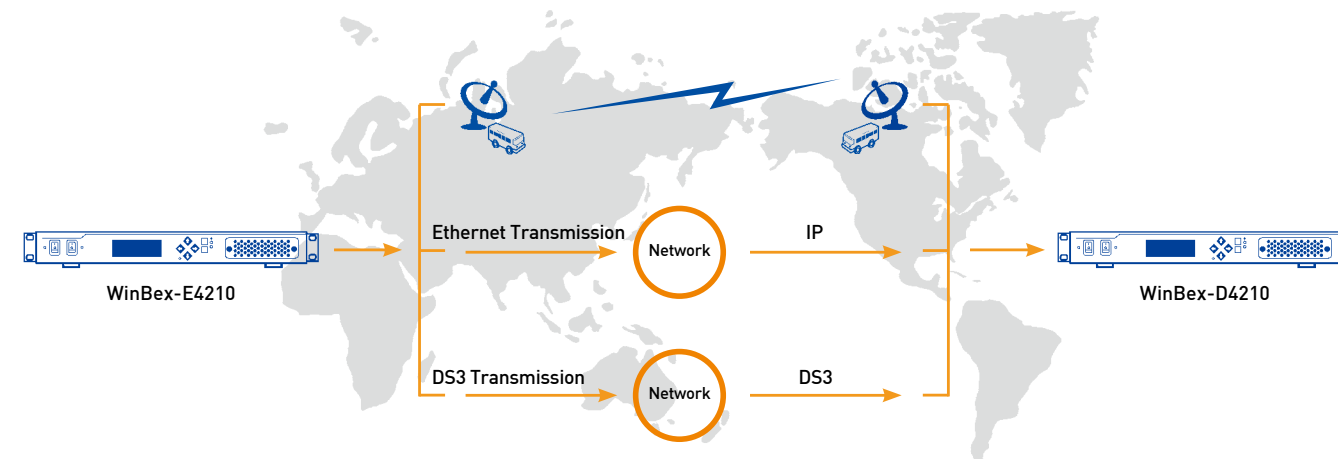
winBex의 Encoder/Decoder는 소형 경량 및 Compact한 Size로
설치 공간을 최소화 하고, 다양한 구성의 Application을 제공합니다.

H.264/MPEG-2
8bit/10bit
Compliant

winBex-E4210 winBex-D4210

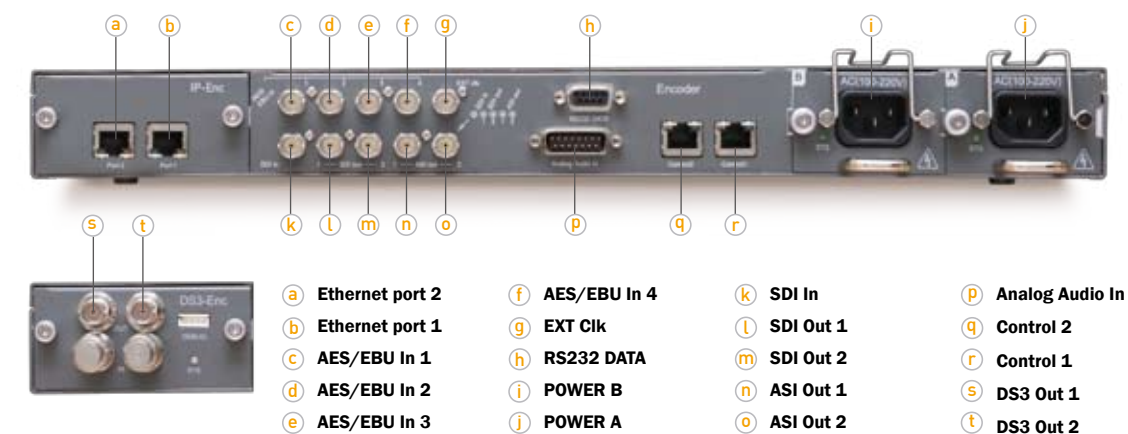
- H.264/MPEG-2 겸용 Codec
- Profile@Level(MPEG-4/AVC) Main/Hi/Hi10/Hi422 지원
- HD와 SD의 다양한 Video format 지원
- Dolby Digital 5.1ch 및 Dolby-E Pass through
- Dolby(AC3 1/0, AC3 2/0, AC3 5.1) 지원
- Closed Caption(SMPTE333, SMPTE334) Service
- HD-SD Down Converter 기능
- DVB-ASI/DS3(FEC)/IP(FEC) Interface
- Dual Power 지원
- SNMP 및 Web Based GUI를 통한 장치 제어 및 감시 기능
- Ethernet Interface를 통한 Remote Upgrade 기능

● Application



● Rear Panel

Encoder (winBex-E4210)



Decoder (winBex-D4210)

