

Main Specifications

	Encoder	Decoder	Specification
Video	Input Format	Output Format	HD-SDI(SMPTE 292M), SD-SDI(SMPTE 259M)
	Encoding Format	Decoding Format	MPEG-2
	Profile / Level		HD : MP@HL, 422P@HL / SD : MP@ML, 422P@ML
	Video Format		1080i : 1920/1440x1080 720p : 1280x720 576i : 720x576 480i : 720x480
	Frame Rate		1080i : 50/59.94/60, 720p : 50/59.94/60 576i : 50, 480i : 59.94
	Video Rate		HD: 10 ~ 40Mbps SD: 3 ~ 15Mbps(MP), 3 ~ 40Mbps(422P)
	SD Aspect Ratio		HD: 16:9, SD: 16:9 / 4:3
	Delay	—	Normal Low Delay - P Only (Field mode): 3~4 Frames - P Only (Frame mode): 4~5 Frames
	Closed Caption		Encoder: SMPTE 333M / SMPTE 334M Decoder: SMPTE 334M
Audio	Input Format	Output Format	Embedded Audio : 8ch, AES/EBU : 8ch
	Encoding Format	Decoding Format	MPL2-Mono/Dual Mono/Joint Stereo/Stereo SMPTE302M 2/4/6/8ch AC3(1/0), AC3(2/0), AC3(5.1) Pass Through(Dolby-E/Dolby Digital 5.1ch)
	Input Analog Audio	Output Analog Audio	4ch, Impedence: 600Ω or 20kΩ
System	Output Stream Type	Input Stream Type	MPEG-2 TS(188/204/208 bytes)
	Output Interface	Input Interface	DVB-ASI, DS3(FEC)
Control	Local Operation		Front Panel Navigation Key
	Remote Operation		EMS, Web/GUI
Internal Test Signal			Video: Color Bar, Audio Tone: 1KHz[-18dB/-20dB]
Dimension(WxHxD)			437mm x 44mm x 430mm (1-RU)
Weight			5kg
Operating Temperature			0℃ ~ +40℃
Power Source			AC 100 ~ 240V

Wintek Broadcasting exchanger

Low Delay / MPEG-2
Chroma 4:2:0/4:2:2
Compliant

Low Delay

winBex-E2211/winBex-D2211
HDTV/SDTV Encoder/Decoder

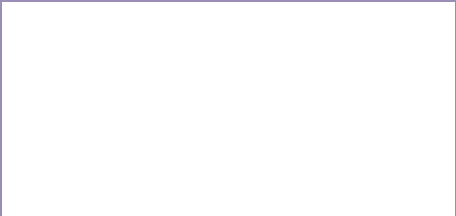


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Sales Agent



wintek
Broadcasting
exchanger

winBex-E2211 / winBex-D2211



winBex Encoder/Decoder는 Chroma 4:2:0/4:2:2의 HDTV 및 SDTV Service가 가능하고, **Low Delay**를 지원하며, 높은 품질의 안정적인 Service를 제공합니다.

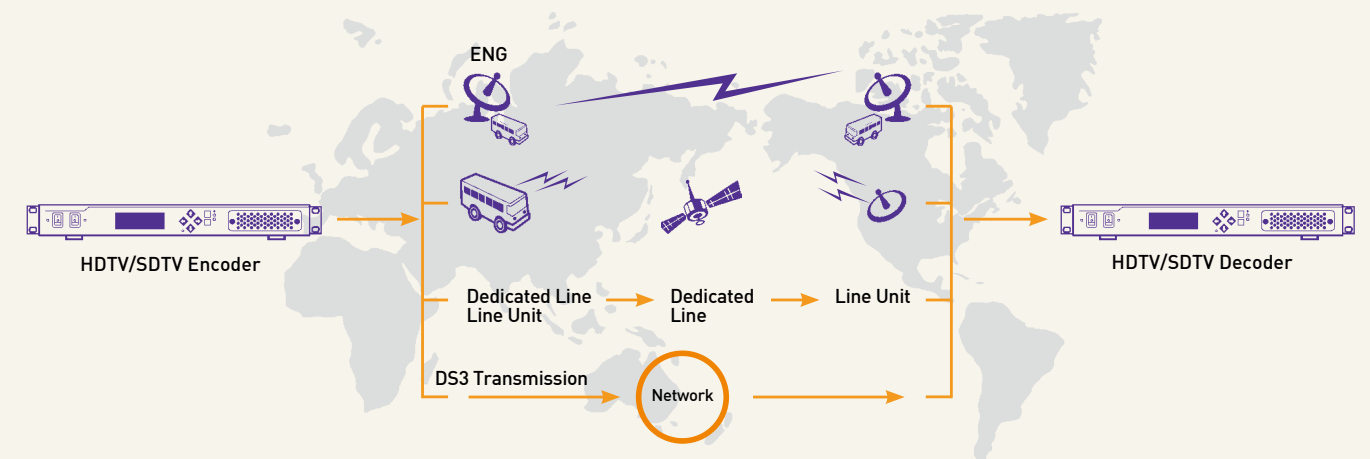
winBex의 Encoder/Decoder는 소형 경량 및 Compact한 Size로 설치 공간을 최소화 하고, 다양한 구성의 Application을 제공합니다.

MPEG-2
Chroma 4:2:0/4:2:2
Compliant

winBex-E2211 winBex-D2211

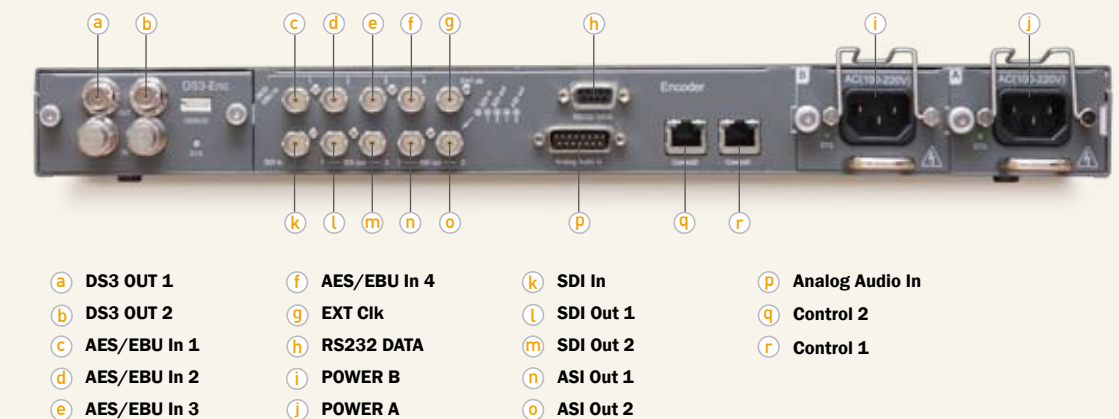
- MPEG-2 HDTV/SDTV Service
- Low Delay 지원 (P Only field mode: 3~4 Frames)
- HDTV와 SDTV의 다양한 Video Format 지원
- Dolby Digital 5.1ch 및 Dolby Digital-E Pass Through
- Dolby (AC3 1/0, AC3 2/0, AC3 5.1) 지원
- Closed Caption(SMPTE333, SMPTE334) Service
- HD-SD Down Converter 기능
- DS3의 FEC 기능
- Dual Power 지원
- SNMP 및 Web Based GUI를 통한 장치 제어 및 감시 기능
- Ethernet Interface를 통한 Remote Upgrade 기능

● Application



● Rear Panel

Encoder (winBex-E2211)



Decoder (winBex-D2211)

