

# Wintek Broadcasting exchanger

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



**NEW**

## WinBex-E2210/WinBex-D2210

HDTV/SDTV Encoder/Decoder

Wintek  
Broadcasting  
exchanger

## WinBex-E2210/WinBex-D2210

NEW



WinBex의 Encoder/Decoder는 Chroma 4:2:0/4:2:2의 HDTV 및 SDTV Service가 가능하고, 높은 품질의 안정적인 Service를 제공합니다.

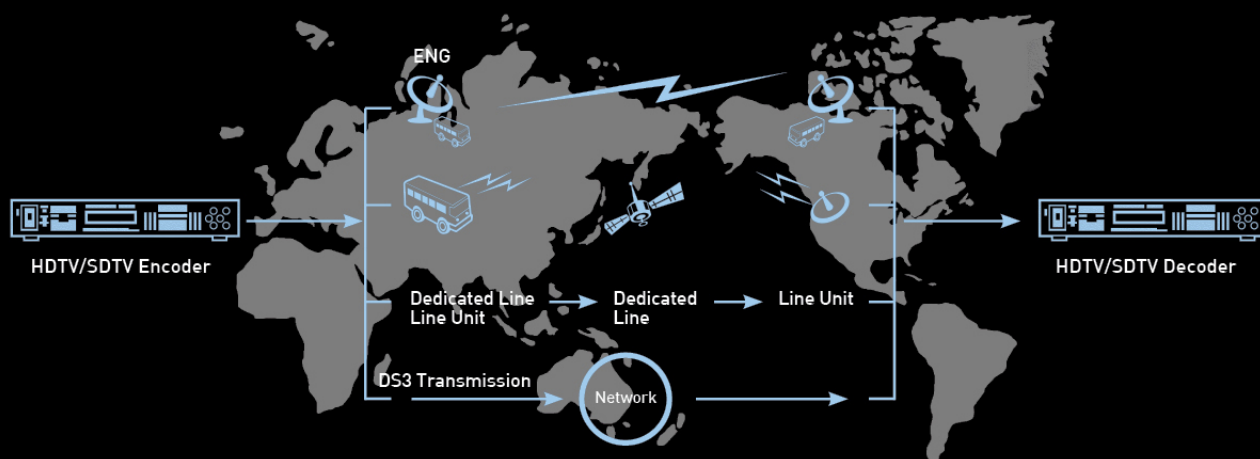
WinBex의 Encoder/Decoder는 소형 경량 및 Compact한 Size로 설치 공간을 최소화 하고, 다양한 구성의 Application을 제공합니다.

MPEG-2/H.264  
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### WinBex-E2210 WinBex-D2210

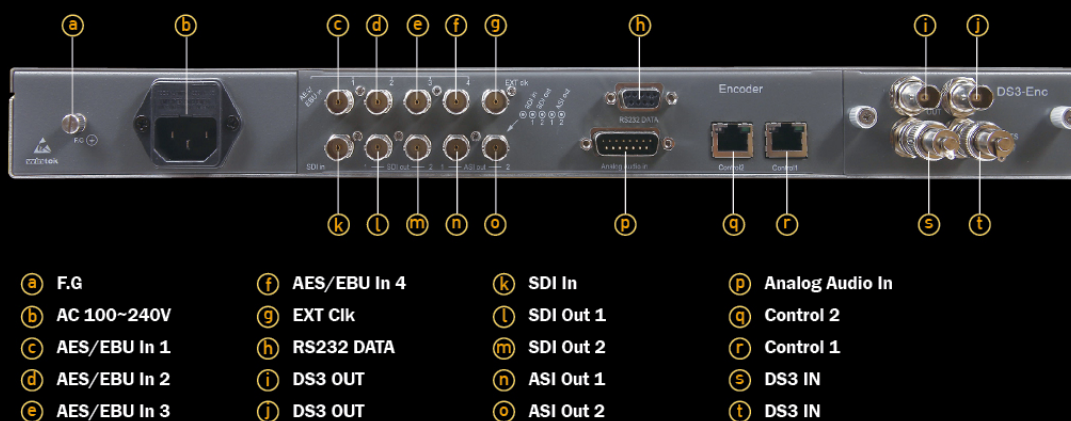
- MPEG-2 HDTV/SDTV Service
- HDTV와 SDTV의 다양한 Video Format 지원
- Dolby Digital 5.1CH 및 Dolby Digital-E Pass Through
- Dolby ( AC3 1/0, AC3 2/0 ) 지원
- Closed Caption(SMPTE333, SMPTE334) Service
- HD-SD Down Converter 기능
- DS3의 FEC 기능
- IP 통신 (FEC) 기능 (Option)
- Port의 이중화로 Service 중 Monitoring 가능
- SNMP 및 Web Based GUI을 통한 장치 제어 및 감시 기능
- Ethernet Interface를 통한 Remote Upgrade 기능
- MPEG-2 및 H.264와 연동 운용 가능

## Application



## Rear Panel

### Encoder (WinBex-E2210)



### Decoder (WinBex-D2210)





# WinBex-E2210/WinBex-D2210

## Main Specifications

	Encoder	Decoder	Specification	
Video	Input Format	Output Format	HD-SDI(SMPTE 292M), SD-SDI(SMPTE259M)	
	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 : 25, 480i : 59.94	
	Video Rate		HD: 10 ~ 40Mbps SD: 3 ~ 15Mbps(MP), 3 ~ 40Mbps(422)	
	SD Aspect Ratio		HD: 16:9, SD: 16:9 / 4:3	
	Delay	—	Normal/Low Delay	
	Closed Caption		Encoder: SMPTE333/SMPTE334 Decoder: SMPTE334	
Audio	Input Format	Output Format	Embedded Audio : 8ch, AES/EBU : 8ch	
	Encoding Format	Decoding Format	MPL2-Mono/Dual Mono/Joint Stereo/Stereo SMPTE302 2/4/6/8Ch AC3(1/0), AC3(2/0) Pass Through(Dolby-E/Dolby Digital 5.1Ch)	
	Input Analog Audio	Output Analog Audio	2Ch(L/R), Impedance: 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), IP(Optional)	
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)			482mm x 44mm x 480mm (1-RU)	
Weight			4.5kg	
Operating Temperature			0℃ ~ +40℃	
Power Consumption			WINBEX-E2210	≤50Watt (@220VAC)
			WINBEX-D2210	
			WINBEX-E2220	
			WINBEX-D2220	
Power Source			AC 100 ~ 240V[Free Voltage]	

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Worldwide Intelligent Technology System

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