



WIN-UHD1(4K)

H.265 / HEVC Ultra Low Delay Codec



HEVC ULTRA LOW DELAY

WIN-UHD1 can realize HEVC, supports **ULTRA LOW DELAY**, and provides the Stable Service with high quality.

DUAL POWER

WIN-UHD1 is designed for **Low Power and Low Noise**

HEVC High Quality Video Coding Low Bitrate

WIN-UHD1 is **Light and Compact Size**, is required to the Minimum Space to install it, and provides Various Application.

HEVC ULTRA LOW DELAY CODEC

HEVC

HEVC ULTRA low delay

High quality video coding low bitrate

Main10@Level5.1 High Tier Encoder/Decoder 10bit

Video

Various video format support of UHD TV

HDR (High Dynamic Range)

Audio System

MPEG-1 Layer 2

Mono, Dual Mono, Stereo, Joint Stereo

AC-3

1/0, 2/0, 3/0, 3/0L, 2/1, 2/1L, 3/1, 3.1L, 2/2, 2/2L, 3/2, 3/2L(5.1ch)

Linear PCM

2ch, 4ch, 6ch, 8ch
16, 20, 24 [bit]

AC-3 Pass through

Dolby-E, Dolby digital 5.1

AAC-LCM(Option license)

Mono, Dual Mono, 2/1, 2/2, 3/0, 3/1, 3/2, 5.1ch, 6ch(6 Mono), 6ch(3 Stereo)

ANCILLARY

Closed caption
SMPTE333M, SMPTE334M

TIMECODE
LTC, VITC, LTC&VITC

INTERFACE

SDI
75Ω BNC Type

DVB-ASI
BNC type, Dual Output

AES-EBU
75Ω BNC Type

IP
10/100/1000 Base-T Ethernet
FEC SMPTE2022
ProMPEG(cop3r2)

cONTROL

Device
Front panel navigation key

PC
Web based GUI

Program
EMS Element Management System

Etc.

Compact size
1-RU, 19" Rack type, 5kg

Dual Power
AC Free voltage(110~240V)

Remote Control
Remote upgrade function by Ethernet interface



WIN-UHD1(4K)

H.265 / HEVC Ultra Low Delay Codec

Main Specifications

Video Input Quad 3G-SDI

CODING H.265 / HEVC 2160p, 1080p, 1080i, 480i, 576i
4:2:0, 4:2:2 Main10@Level5.1 High Tier

Ultra Low Delay

Closed Caption SMPTE333, SMPTE334

VIDEO



AUDIO



Input Embedded audio, AES/EBU & Analog audio (H/W Option license)

CODING Linear PCM
MPEG1 Layer2
AC-3, AAC(Optional license)
Dolby-E Pass through

SDI Quad 3G-SDI

DVB-ASI Encoder Output x2 Decoder Input x1, Output x2

AES-EBU Encoder Input x4 Decoder Output x4

IP FEC(ProMPEG)

DS3 FEC(Reed-Solomon)

INTERFACE



ETC.



Control Front panel navigation key, Web based GUI, EMS

Dimension 440 x 44 x 430[mm]

Weight 5.0[kg]

Power Free Voltage(100 – 240 VAC), ≤75[Watt]@220VAC

APPLICATION

