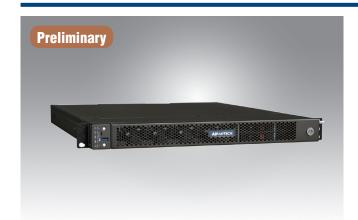
VEGA-8301D

8Kp60 HEVC Contribution Video Decoder



Features

- 8Kp60 HEVC contribution grade decode platform
- 1U 20" deep short depth unit
- Telco-grade robustness and security
- Live input via HLS or RTP streaming protocols across IP
- HEVC/H.265 8Kp60 Level 5.1 Decoding and Playback
- 4:2:2 sampling & 10-bit color & up to 250Mbps
- 4-ch SDI-12G outputs with 22.2-ch audio support
- HDR signalling supported

Introduction

The VEGA-8301D is a fully integrated 8Kp60 live HEVC contribution decoder with Spin Player software included, complementing the full capability of the VEGA-8300E 8K Encoder up to 250Mbps and supporting decode and playout of 8Kp60 10bit 4:2:2 with HDR output. The unit is ready to use out of the box, featuring a 4 x SDI-12G 8K live video output. The appliance can be used to create low latency point to point link or a point to multipoint distribution network, and can support worse than usual thermal environments due to its telco grade underpinning.

Specification

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	Standard	HEVC (H.265)
	HEVC profile	Main / Main 10
	HEVC Tier	Main / High
Video Decode Capability	HEVC Level	HEVC Level 5.1
• • •	Bitrate 8K format	Up to 250Mbps
	Bit Depth	10 bit
	Chroma Sampling Format	4:2:0, 4:2:2
	Channels	22.2
Audio	Format	Input:AAC, AAC-LC Output: PCM
Audio	Sampling Frequency	48KHz
	Connector	SDI Audio
Video output	Channels/Interface	4 x 12G-SDI, up to 8K60p, 8bit/10bit, YUV
video odipul	SDI Video formats	8K/ 7680 x 4320: 60p / 59.94p /50p / 30p / 29.97p / 25p / 24p
	Front IO	Option1 (Default): 1 x PWR button, 1 x ID button, 1 x USB3.0/2.0, 1 x microUSB console, 5 x LEDs (Power, ID, 3x SW definable) Option2: 1 x PWR button, 1 x ID button, 1 x RJ45 console, 5 x LEDs (Power, ID, 3x SW
10	Troncio	definable)
	Rear IO	2 x GbE LAN RJ45, 1x Display port, 2x USB3.0/2.0, 2x 10GE SFP+, 2x hole ground lug
	Gigabit Ethernet Interface	10/100/1000 Mbps
	10 Gigabit Ethernet Interface	1Gbps / 10Gbps
Ethernet	Controller	GbE LAN1: Intel I210-AT, GbE LAN2: Intel I210-AT
	Controller	10GbE SFP+ LAN1/2: Integrated into PCH, with SR-IOV and RDMA support
	Connector	2 x RJ-45, 2x SFP+
Power Supply	Power Rating	700W red. AC PSU / 600W red. DC PSU
т ожет опррту	Input	(AC) 100-240Vac, 9-4A, 50-60Hz (DC) -4465Vdc, 18-10A
	Humidity Operational (non-condensing)	50% @ 25 °C to 95% @ 40 °C
Environment	Operational Temperature	0°C (32°F) to 40°C (104°F), optional -5°C (23°F) to 55°C (131°F) with Intel high Tcase processor installed
	Storage Temperature	-40 °C (-40 °F) to 70 °C (158 °F)
	Chassis Fan	Five 40 x 56 mm front replaceable, hot swappable fans
Cooling	Thermal Control	Two separate thermal zones for motherboard and FL PCIe cards
Occining	Reliability	Resilient to single fan failure
	Air Filter	Front replaceable
		Aspeed AST2500 BMC
System Management	Advantech BMC	Advanced Lights Out Management compliant to IPMI2.0 with security and availability enhancements iKVM Support
		Configurable shared or dedicated NIC support
	Dimension (W x D x H)	438.00 x 506.20 x 44.20 mm (17.24" x 19.93" x 1.74")
Physical	Weight (N.W.)	15kg
,	Security	Lockable front bezel and chassis intrusion sensor
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Ordering Information

Part Number	Description
VEGA-8301D-S0D0	8Kp60 HEVC Contribution Video Decoder