

Advantech **VEGA** Video Solutions
ALL-IN-ONE
COMPACT VIDEO PLATFORMS



VEGA-6300



VEGA-6301



VEGA-6311

Powered by
Advantech VEGA-6000 Series
Real-Time UHD/HD Encoder & Decoder Appliances

Advantech VEGA-6000 Series of fully integrated compact encoder and decoder appliances are versatile and efficient platforms that enable 4K live video contribution in power and space contained scenarios such as outside broadcasting and remote contribution in live events coverage. The family supports the latest HEVC coding format to optimize high resolution video transmission over satellite or mobile networks. In addition, the VEGA-6301 and VEGA-6311 can be deployed in an OB truck as part of a flexible and efficient IP-based field production, which significantly reduces cabling and costs when compared to traditional SDI-based deployments.



Video Formats	Up to 4Kp60		
Video Interfaces	1-ch 12G-SDI / 4-ch 3G-SDI / HDMI 2.0 / 2x USB 3.0 (VEGA-63x1), 2x USB 2.0 (VEGA-6300)		
Video Compression	H.265 / H.264	H.265	H.265 / H.264 / MPEG-2
HEVC Profile	Main 4:2:0 8-bit	Main 4:2:2 10-bit	
Video Decode	N/A	N/A	H.265 / H.264 / MPEG-2
Additional Capabilities	N/A	N/A	Pre-processing & Scaling
CPU	N/A	6th Generation Intel® Core™	
IP Media Interfaces	N/A	Support for SMPTE 2022-5/-6/-7, SMPTE 2059 & optional Sony LLVC or TICO compression	
Network Ports	1x 1GbE	2x 1GbE / 2x 10GbE	
Development Environment	Remote CGI & Embedded Web Server	Linux & Windows SDK / FFmpeg Plug-In / RESTful API	
Power Consumption	< 29W	<80W (based on Intel i3-6100E SOM module)	
Dimensions (W) x (H) x (D)	214 x 42.8 x 254.9 mm	214 x 42.8 x 289.9 mm	214 x 42.8 x 319 mm