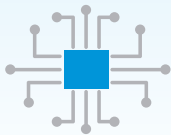


4K, 8K & 3D Medical Video Solutions to Drive Intelligent Healthcare Innovation

Advantech VEGA video solutions help medical equipment manufacturers drive medical imaging innovation by providing cutting-edge video technologies that boost the development of minimally invasive diagnostic and surgical systems. Advantech VEGA video solutions have been specifically designed to accelerate 4K, 8K and 3D video processing across the entire workflow in compact systems that meet the ultra-low latency and high quality requirements of next-generation intelligent healthcare video applications.



Ultra-High Definition

Highest 4K 4:2:2 10-bit HDR video processing to ensure every detail with sharper imagery



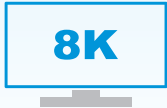
Ultra-Low Latency

Uncompressed or lossless compressed real-time IP video transport based on medical standards



Easy to Integrate

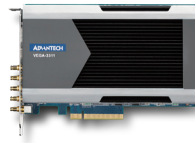
Efficient acceleration technology that can be integrated into compact medical devices



Ready for The Intelligent Future

3D, 8K and AI technologies available for next generation ultra-high presence solutions

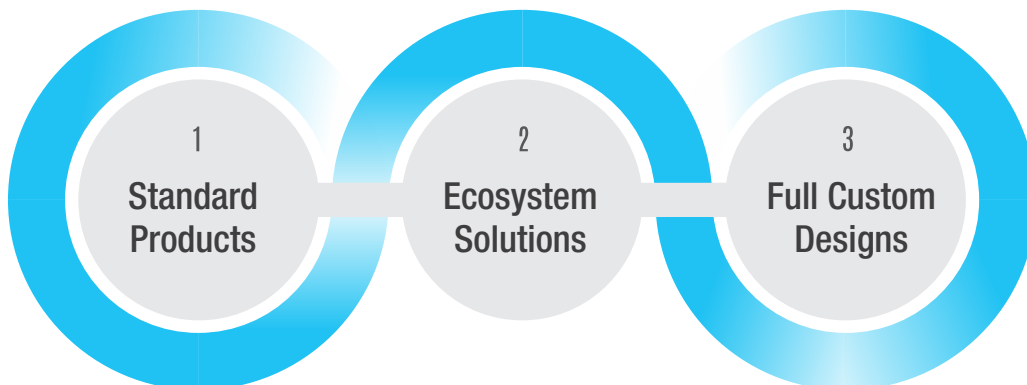
Products



VEGA-6301M	VEGA-8300	VEGA-3312	VEGA-2002
4K/3D Live Streaming and Recording System	8K Live Streaming and Recording System	Dual Channel 4K Video Processing Card	HD/UHD Live Encode & Streaming Module
All in one compact 4K video capture, encode, record and live streaming appliance, ideal for use in equipment stacks	8K video recording and live streaming over WAN/LAN using industry-leading 8K HEVC encoder	High performance 4K video encoding add-in PCI Express accelerator card for medical appliances and servers	High quality low latency live video capture, encode, and streaming in a tiny package
4Kp60 4:2:2 10 bit HEVC real-time encode & streaming engine	8Kp60 4:2:2 10 bit HEVC real-time encode & streaming engine	Dual channel 4K 4:4:4 still image capture & 4K 4:2:2 HEVC & AVC Compression	4Kp60 HEVC/AVC live encoding
2 channel HDMI or 12G/3G SDI capture with 3D support	Compress and record 8K video from latest OR cameras and instruments	Flexible video input support for 4K/3D instruments	SDI and HDMI input options
Easy system integration with compact size and low power consumption	Local 2 SSD for video and user record storage	Less than 35W power consumption and passive cooling	Compact size 90 x 100mm and less than 10W power consumption
Open SDK and API enables easy application development	Solution-ready platform featuring remote web-based configuration	API ready for Windows/Linux 64bit OS	Remote control UI and CGI for easy management and development

Your Go-to-Market Partner

Advantech VEGA video solutions team works closely with industry-leading medical equipment manufacturers to create advanced healthcare video solutions from collaborative information to surgical robotic systems. We support customers all along their development cycle helping them accelerate time to market with solution-ready platforms that have been specifically designed to meet demanding medical video needs. Customers can lean on our team of medical video experts to bring their revolutionary product ideas to live leveraging our design capabilities to create next-generation intelligent healthcare video solutions integrating their unique added value.



Enabling an Intelligent Planet

To learn more about Advantech VEGA Video Solutions, please email us at video.solutions@advantech.com or visit www.video-acceleration.com