

Advantech **VEGA** Video Solutions

THE MOVE TO IP



VEGA-3000



VEGA-3001



VEGA-3002

Powered by
Advantech VEGA-3000 Series
IP Media Interface Adapters



The VEGA-3000 Series of IP media interface adapters are a family of add-on PCI Express cards that perform video capture, encapsulation, lightweight compression and streaming to enable UHD media transport over standard IP networks. The move to IP simplifies professional video equipment and opens up new workflow possibilities over an interoperable and flexible, shared IP infrastructure. Low-latency, high availability, and accurate synchronization are some of the specialized tasks, key to live production environments, where Advantech's VEGA-3000 Media-over-IP cards can help. Advantech works closely with key industry partners through industry alliances such as AIMS or IP Live to help solve the technical and interoperability challenges of 4K IP media and unlock the full potential of the new IP video infrastructure.



Video Formats		Up to 1080p60	Up to 4Kp60	Up to 4Kp60
Video Interfaces		3-ch 3G-SDI	4-ch 3G-SDI / 1-ch Tri-level Sync	1-ch 12G/3G-SDI / 3-ch 3G-SDI / 1-ch Tri-level Sync
IP Media Interfaces	Standards	SMPTE 2022-5,6	Sony IP Live with Low Latency Video Coding (LLVC)	AIMS roadmap support: - SMPTE 2110 - SMPTE 2022-5/-6/-7 - SMPTE 2059 Optional TICO or Sony LLVC compression
	Network Ports	1x 10GbE & 1x GbE	2x 10GbE	2x 10GbE
Standalone Support		Yes	No	No
Latency		16ms	64ms	16ms
Format		Half-Length, Full-Height PCIe		