

Enable Your Video Systems

iS-IoT (Internet of Things) in Video Solutions

- ✓ Complete Video Card Series
- ✓ Free Bundled A⁺ SDK
- ✓ Free Bundled Application Software
- ✓ Tribrid Function for Surveillance
- ✓ Image Grabber Card for Medical/AOI Applications



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Enabling an Intelligent Planet

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iS-IoT (Internet of Things) in Video Solutions



Intelligent Video Solutions

Advantech Video Solutions provide a diverse selection of video capture, encode, decode and transcode cards that come with free bundled recording software, intelligent video surveillance software (IVS), and Advantech's A+ software development kit (SDK).



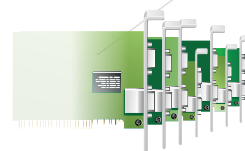
Tribrid Function for Surveillance

- Supports mixed CCTV/HD-SDI/IP cameras
- Up to 64-channel DVR/NVR



A+ SDK

- Free bundled A+ SDK
- Easy to integrate with third party software



Complete Video Card Series

- Software/Hardware Compression (HD/SD)
- Supports input interfaces including HD-SDI, DVI, HDMI, BNC, & YpPr
- Supports host interfaces including USB, PCI-104, Mini PCI/PCIe, PCI & PCIe

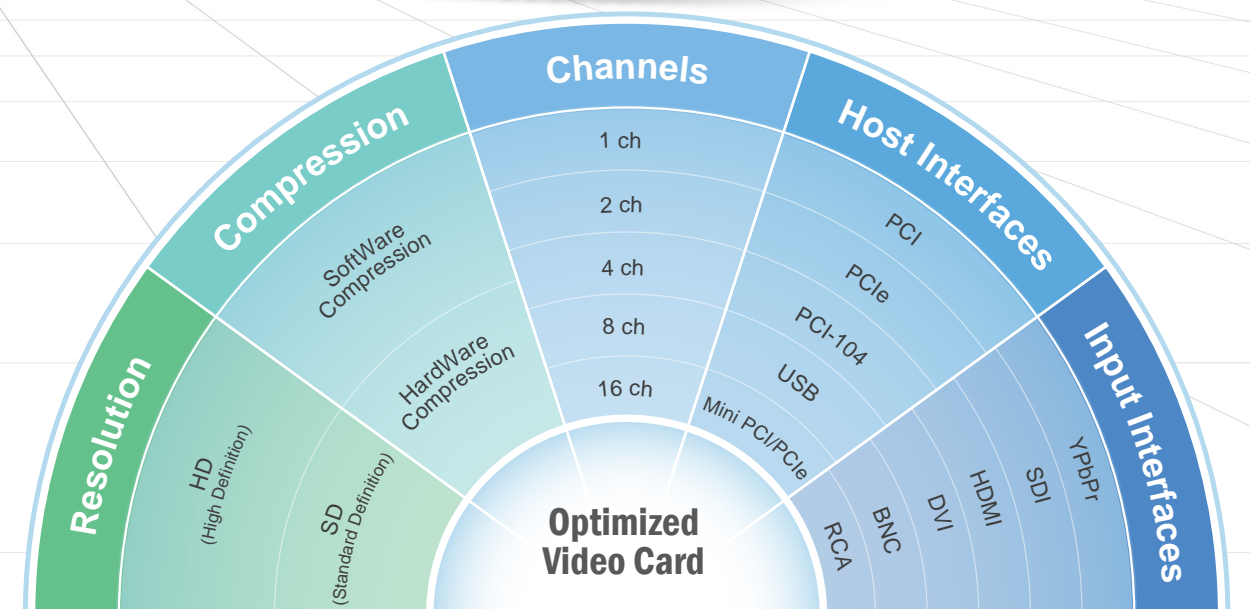


Free Bundled Application Software

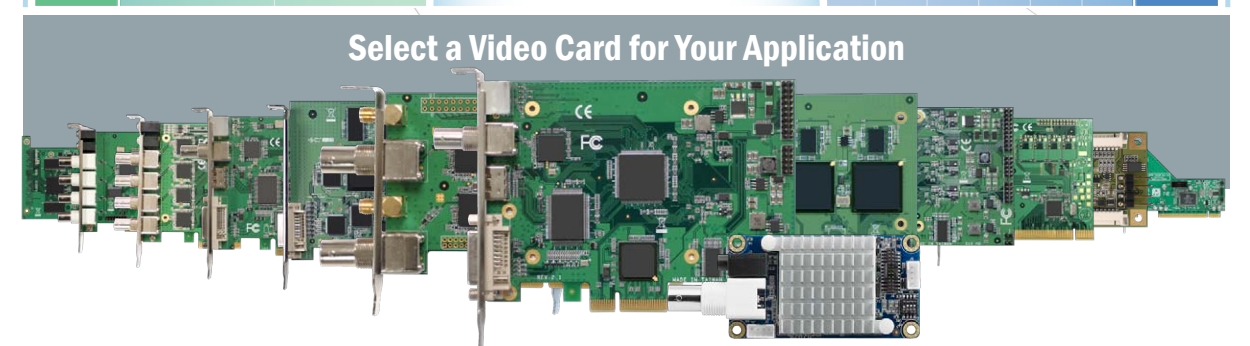
- 64-channel recording software
- Intelligent video analysis software

Selected Models

Coming Soon



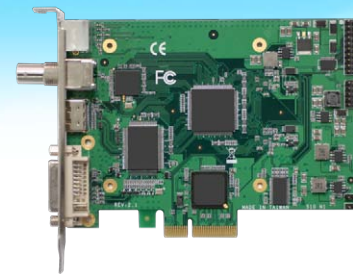
Select a Video Card for Your Application



Software Compression HD (1080i/p)

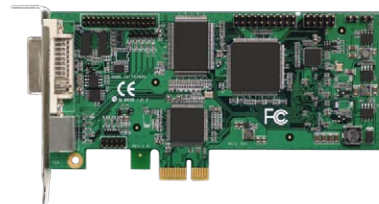
DVP-7010HE

- 1-channel HD-SDI/HDMI/DVI-D/DVI-A/YPbPr video input with H.264/MPEG4
- software compression
- 60/50 fps (NTSC/PAL) at up to 1920 x 1080p resolution for recording and display
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



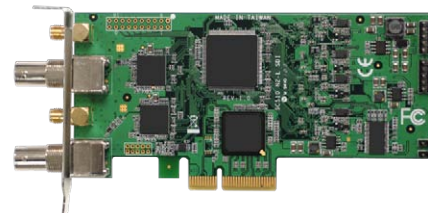
DVP-7012HE

- 1-channel DVI-I/YPbPr/S-Video/Composite video input with H.264 software compression
- 60/50 fps (NTSC/PAL) at up to full HD resolution for recording and display
- PCIe x1 (Gen2) host interface
- Low power consumption
- Supports Watchdog function
- Windows/Linux OS supported



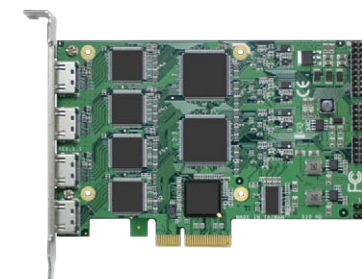
DVP-7020HE

- 2-channel SDI video inputs with H.264 software compression
- 120/100 fps (NTSC/PAL) at up to 1920x1080p resolution for recording and display
- PCIe x4 host interface
- Low Power Consumption
- Supports Watchdog function
- Windows/Linux OS supported



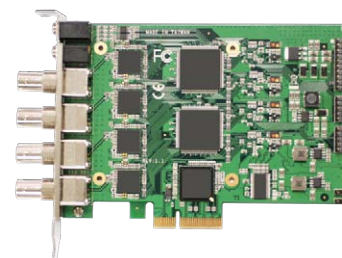
DVP-7030HE

- 4-channel HDMI video inputs with H.264/MPEG4 software compression
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for recording and display for each channel
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



DVP-7032HE

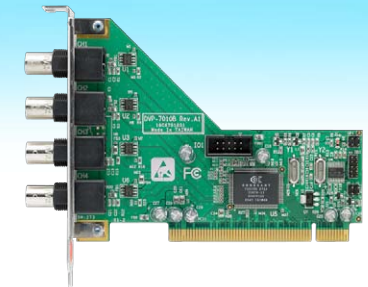
- 4-channel HD-SDI video inputs with H.264/MPEG4 software compression
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for recording and display for each channel
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



Software Compression SD (480i/p)

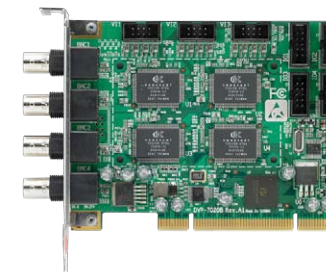
DVP-7010BE

- 4 channel composite inputs with MPEG-4 compression
- Able to mix DVP-7010BE with DVP-7020BE card stacks for up to 24 channels per PC
- 30/25 fps (NTSC/PAL) or 120/100 fps (NTSC/PAL) at D1 resolution for recording and display
- Conexant fusion 878A video capture chips on board
- Support ADAM-4055 8DI/8DO Module
- Supports Watchdog function



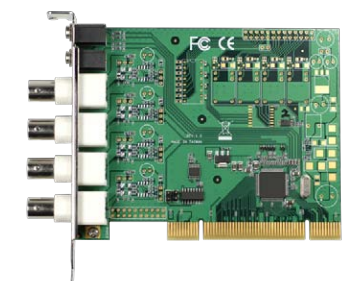
DVP-7020BE

- 16 channel composite inputs with MPEG-4 compression
- Able to mix DVP-7010BE with DVP-7020BE card stacks for up to 24 channels per PC
- 30/25 fps (NTSC/PAL) or 120/100 fps (NTSC/PAL) at D1 resolution for recording and display
- Conexant fusion 878A video capture chips on board
- Support ADAM-4055 8DI/8DO Module
- Supports Watchdog function



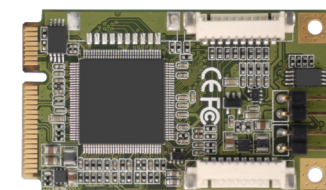
DVP-7030E

- 4-channel composite video inputs with H.264/MPEG4 software compression
- 120/100 fps (NTSC/PAL) at up to full D1 resolution for recording and display
- PCI v3.0 ~v2.2 compatible host interface
- Stackable up to 4 cards, 16 channels in total per PC
- Supports Watchdog function
- Windows/Linux OS supported

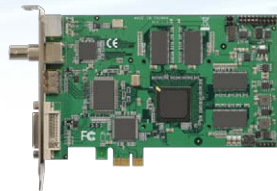


DVP-7041E

- 8-channel video inputs with H.264/MPEG4 software compression
- 240/200 fps (NTSC/PAL) at up to D1 resolution for recording and display
- Mini PCIe x1 host interface
- Supports Watchdog function
- Windows/Linux OS supported

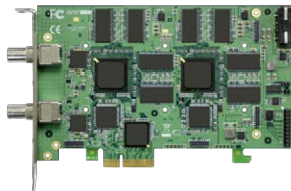


Hardware Compression HD (1080i/p)



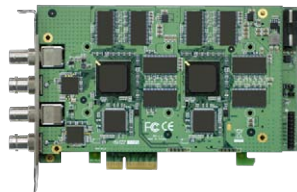
DVP-7610HE

- 1-channel HD-SDI/HDMI/DVI-D/DVI-A/YPbPr video input with H.264 (Main Profile) hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 1080p resolution for display
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x 540p dual stream resolution for recording
- PCIe x1 host interface
- Supports Watchdog function
- Windows/Linux OS supported



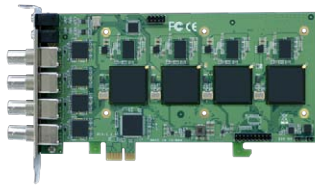
DVP-7620HE

- 2-channel HD-SDI video inputs with H.264 (Main Profile) hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for display for each channel
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x 540p dual stream resolution for recording
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



DVP-7630HE

- 4-channel HD-SDI video inputs with H.264 (Main Profile) hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for display for each channel
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x 540p dual stream resolution for recording
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



DVP-7632HE

- 4-channel SDI video inputs with H.264 hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 960 x 540p resolution for display
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x 540p dual stream resolution for recording
- PCIe x1 host interface
- Low Power Consumption
- Supports Watchdog function
- Windows/Linux OS supported



DVP-8830HE

Coming Soon

- Powered by quad TI TMS320DM8168 SoC
- 4-channel HDMI video / audio outputs up to 1920 x 1080 60 fps
- Supports H.264 / MJPEG / RAW HW decoding
- 4-channel SDI video + audio inputs up to Full HD 60 fps per channel
- Supports H.264 / MJPEG / RAW HW encoding
- One 10/100/1000 Mbps LAN ports
- Multi-port Ethernet and PCIe Express switch support
- Embedded with digital signal processor for 3rd party program implementation



DVP-8640HE

Coming Soon

- Powered by quad TI TMS320DM8168 SoC
- 8-channel SD-SDI / HD-SDI / 3G-SDI video + audio inputs
- Supports H.264 / MJPEG / RAW HW compression
- Up to 60 fps at Full HD (1080p) resolution per channel
- Dual 10/100/1000Mbps LAN ports
- Multi-port Ethernet and PCIe Express switch support
- Embedded with digital signal processor for 3rd party program implementation

Hardware Compression SD (480i/p)



DVP-7630E

- 4-channel composite video inputs with H.264 hardware compression
- 120/100 fps (NTSC/PAL) at up to full D1 resolution for recording
- PCI-104 host interface
- Stackable up to 4 modules
- Supports Watchdog function
- Windows/Linux OS supported



DVP-7632E

- 4-channel composite video inputs with H.264 hardware compression
- 120/100 fps (NTSC/PAL) at up to full D1 resolution for recording
- Mini-PCI host interface
- Stackable up to 4 modules
- Supports Watchdog function
- Windows/Linux OS supported



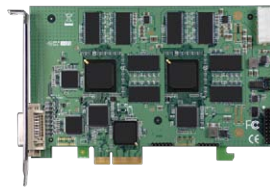
DVP-7634E

- 4-channel composite video inputs with H.264 hardware compression
- 120/100 fps (NTSC/PAL) at full D1 resolution for recording
- PCI v3.0 ~v2.2 compatible host interface
- Stackable up to 4 cards, 16 channels in total per PC
- Supports Watchdog function
- Windows/Linux OS supported



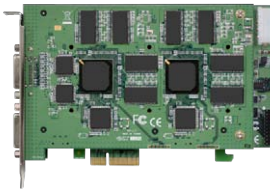
DVP-7636E

- 4-channel composite video inputs with H.264 hardware compression
- 30/25fps (NTSC/PAL) at full CIF resolution for each channel of display and full D1 resolution for each channel of recording
- PCIe x1 host interface
- Supports Watchdog function
- Windows/Linux OS supported



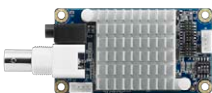
DVP-7640E

- 8-channel composite video inputs with H.264 hardware compression
- 30/25fps (NTSC/PAL) at full D1 resolution for each channel of display and recording
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



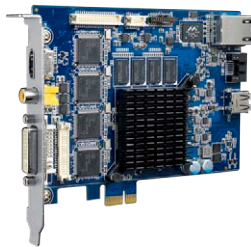
DVP-7650E

- 16-channel composite video inputs with H.264 hardware compression
- 30/25fps (NTSC/PAL) at full D1 resolution for each channel of display and recording
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



DVP-8610E

- Powered by TI TMS320DM365 SoC
- 1-channel composite video input with H.264 hardware compression
- Supports PCM/G.711 hardware audio compression
- 30/25 fps (NTSC/PAL) at full D1 resolution for recording
- High-speed USB 2.0 interface

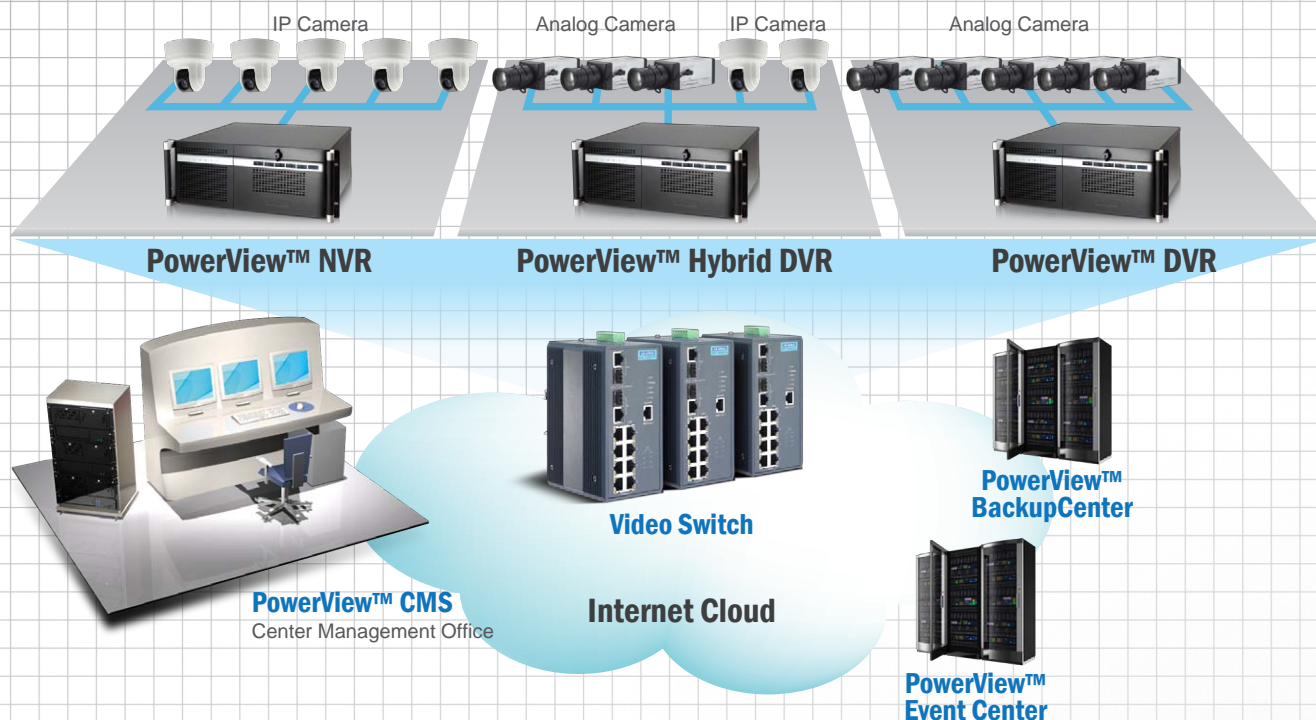


DVP-8650E

Coming Soon

- Powered by TI TMS320DM8168 SoC
- 16-ch composite video and audio inputs
- H.264 / MJPEG / RAW H/W encoding up to 480fps at D1
- H.264 / MJPEG / RAW H/W decoding up to 480fps at D1
- One HDMI supports AV display up to 1080p at 60fps
- Embedded with 1.0GHz C674X VLIW DSP
- Versatile peripherals: Giga LAN port, SATA, USB 2.0, I2C and UART
- Dual working modes: PCIe device mode and standalone mode
- Half-size form factor and fanless H/W design
- Windows/Linux OS Supported

PowerView System Diagram



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