

COMMELL Launches 16-ch PCI Express DVR Card With D1 H.264 At 480fps

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Press release from: [Taiwan Commate Computer Inc.](#)



Taiwan Commate Computer Inc. (COMMELL), the worldwide leader of PC-based DVR products manufacturer, introduced the new generation 16-channel video and audio capture PCI Express DVR Card SPX-602H. The board supports 16-channel D1 real-time recording with H.264 hardware encoder, and 16-channel real-time decoding and playback using a software decoder in PC. SPX-602H utilizes H.264 hardware compressions to decrease CPU loading from the intensive compression tasks, and supports video streaming to reach 480fps recording and remote video transmission.

SPX-602H RDK was designed with system integration in mind, and has a comprehensive function that eases integration into DVR system software and accelerates time-to-market. The function includes H.264 baseline profile, live mode D1 display, H.264 recording at 480fps, Quality control, frame rate control, VBR, CBR and Hybrid-VBR support (Offering VBR H.264 compression to save more HDD space for long time recording), watermark function, De-interlace, video loss check, bitmap OSD, motion detection, pre-filter type, network streaming, DirectDraw display mode. SPX-602H also supports COMMELL SCode DVR software that easily and quickly caters to DVR market demands.

SPX-602H includes 16 high quality NTSC/PAL video decoders that convert analog composites video signals to digital data, and contain 16 10-bit ADCs, proprietary clamp, gain controllers, 4H comb filters for separating luminance & chrominance to reduce cross noise artifacts.

Features

- 1) PCI Express Base Specification 1.1 and 2.0 compliant with RoHS.
- 2) Accept all NTSC/ PAL standards.
- 3) 16 channels of D1 H.264 at 480fps when Live View and Recording.
- 4) 16 channels of Playback.
- 5) Video Compression: H.264. I, P, PI frame supported
- 6) 16 channels of audio input and G.721 ADPCM encode.
- 7) De-interlacing for live view and playback.
- 8) Adjustable Frame Rate & Resolution.
- 9) Support Motion Detection, Noise filter, OSD, Watermarking.
- 10) Support SPOT and CALL monitor.

COMMELL is a leading supplier of Single Board Computers and focuses on developing the most advanced and reliable IPC and Surveillance products. In addition to promise our customers constantly stay ahead of this competitive business, we are always in search of disruptive & incremental sustaining innovation. We treat every of our customer as partner and provide the best services and total support. The combination of innovation, superior quality, and excellent services will ensure both Taiwan Commate Computer Inc., and our customers always have the competitive edge in the computer world.

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[You can find this press release here](#)