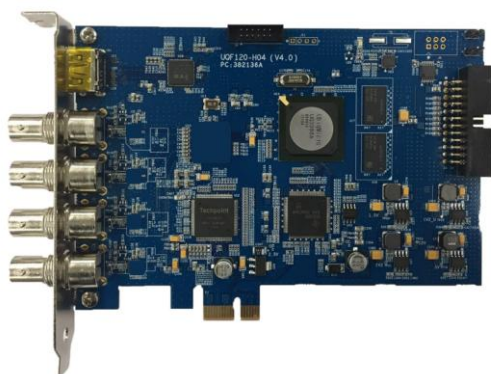


Analog HD(1080P) X 4 Ch, 120 FPS

4 Channel Full-HD Compression Card for AHD, TVI, CVI, and Analog cameras



Features

- Video hardware compression card, based on H.264 standard; Audio input up to 4 channels can be supported with an expansion sub-card.
- 4 channel 1080P(25,30)/720P(25,30,50,60) from all kinds of HD cameras (AHD, TVI, CVI, and analog cameras)
- Supporting up to FHD 1080P in real time live view
- 4 channel full-HD video real time compression; 1080P @ 120 fps + VGA(640x480) @ 120fps
- 4 channel G.711 audio compression
- Support of motion detection, video loss, and camera masking function; support of OSD, logo overlay, configurable video frame rate etc.
- Support of raw video of Max FHD 1080P sized
- Support of 1 channel 1920*1080 HDMI output, or 1 channel CVBS with the expansion sub-card
- PCI-E x 1 lane port
- Two jumpers are provided. One(8X2) for audio/video expansion sub card. The other (12X2) for sensor inputs and triggering output signals.
- SDK in Windows OS, or Linux OS (under going), suitable for the additional secondary developments.

Specifications

Model		Analog video compression card for all HD cameras (AHD, TVI, CVI, and analog cameras)
General	Encoder	The CoDec, UQ3388, from UbiqMicro
	PCI Standard	PCI-Express 1.0x
	Multi-Card Operation	Support max 4 cards, leading to the application of 16 Channels for a single PC.
	Sub Card	4 channel audio input(RCA), 1 channel matrix output(CVBS), with an expansion sub card
Video	Input	BNC, 4 channel for all kinds of Full HD cameras(AHD, TVI, CVI and even analog cameras)
	Standard	1080P(25,30)/720P(25,30, 50, 60)
	Preview Resolution	Max 1080P(1920×1080), in real time; Support of main preview and sub preview
	Compression	H.264
	Encoding Resolution	Max 1080P(1920×1080) for each 4 CH
	Encoding Speed	Main Stream: 25/30/50/60 fps within the bandwidth of Max 120 fps at 1080P Extra Sub-Stream: Max VGA(640x480) with Max 120 fps
	Bit Rate	256Kbps~10Mbps
	Compressed Stream	Main Stream + Sub-Stream
	Output	1 channel HDMI (1920×1080). In addition, 1 CH CVBS can be supported with expansion sub-card 2x2 display split
Audio	Input	4 channel, RCA (with an expansion sub card)
	Compression	PCM, G.711-A law, Mu law, ADPCM
	Sampling Rate	8, 16bit (8KHz, 16KHz, 32KHz, 44.1KHz)
	Bit Rate	Min 64 Kbps
Miscel.	Camera setting over Coax	Support of communication protocol for AHD/CVI/TVI cameras.
	Watch dog	Support in Hardware
System Requirement	Operating System	Windows 7/8/10, Linux
	CPU	Intel or AMD
	Motherboard	Based on Intel, or AMD chipset, PCI-E slot
	Memory	4 GB or above
	Graphics	AMD, NVIDIA, Intel graphics cards.
Environmental	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa
	Power Requirement	12V±10%, 3.3V±10%
	Power Consumption	10 W less
	Dimension	160 mm × 100 mm