

GV-900A Video Capture Card



One GV-900A Card provides up to 32 video channels and 8 audio channels, recording up to 240 / 200 fps (NTSC / PAL) in total with H.264 software compression.

Specifications

			GV-900A	GV-900A X 2
Interface			PCI-E (x1)	PCI-E (x1) x 2
Input Type			DVI	
Video Input			8, 16, 32 Cams	16, 24, 32 Cams
Audio Input			8 Channels	16 Channels
Recording Rate	CIF	NTSC	8-port: 240 fps 16/32-port: 240 fps	8+8 port: 480 fps 16+16 port: 480 fps
		PAL	8-port: 200 fps 16/32-port: 200 fps	8+8 port: 400 fps 16+16 port: 400 fps
	D1	NTSC	8-port: 240 fps 16/32-port: 120 fps	8+8 port: 480 fps 16+16 port: 240 fps
		PAL	8-port: 200 fps 16/32-port: 100 fps	8+8 port: 400 fps 16+16 port: 200 fps
Display Rate	CIF	NTSC	8-port: 240 fps 16/32-port: 240 fps	8+8 port: 480 fps 16+16 port: 480 fps
		PAL	8-port: 200 fps 16/32-port: 200 fps	8+8 port: 400 fps 16+16 port: 400 fps
	D1	NTSC	8-port: 240 fps 16/32-port: 120 fps	8+8 port: 480 fps 16+16 port: 240 fps
		PAL	8-port: 200 fps 16/32-port: 100 fps	8+8 port: 400 fps 16+16 port: 200 fps
Video Resolution	NTSC	704x480, 704x480 De-interlace, 640x480, 640x480 De-interlace, 352x240, 320x240		
	PAL	704x576, 704x576 De-interlace, 640x480, 640x480 De-interlace, 352x288, 320x240		
Video Compression Format			Geo MPEG4, Geo H264	
Audio Format			16 kHz / 16-bit, 32 kHz / 16-bit)	
GV-NET/IO Card Support			Yes	
Dimensions (W x H)			120 x 112 mm / 4.7 x 4.4 in	
Installation Guide			GV-900A	

Note:

1. GV-900A is currently not compatible with VIA series and ATI series chipset motherboards.
2. 16-port has the same recording rate and display rate as 32-port.
3. Specifications are subject to change without notice.

Minimum System Requirements For One Card, CIF Resolution

OS Supported	32-bit	Windows 7 / 8 / 8.1 / 10 / Server 2008
	64-bit	Windows 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012
CPU	Pentium 4, 3.0 GHz with Dual Core	
RAM	2 x 1 GB Dual Channels	
HDD	160 GB	
Graphics Card	AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color	
DirectX	9.0c	

Minimum System Requirements For Two Cards, CIF Resolution

OS Supported	32-bit	Windows 7 / 8 / 8.1 / 10 / Server 2008
	64-bit	Windows 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012
CPU	Core i5-750, 2.66 GHz	
RAM	2 x 1 GB Dual Channels	
HDD	500 GB	
Graphics Card	AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color	
DirectX	9.0c	

Packing List

1. GV-900A Card x 1
2. 1-16 Cams with 4-Port Audio DVI-Type Cable x 2 / 1-8 Cams with 4-Port Audio DVI-Type Cable x 2 / 1-4 Cams with 4-Port Audio DVI-Type Cable x 2
3. Hardware Watchdog Jumper Wire x 1
4. Software DVD x 1

Note: The two **1-16 Cams with 4-Port Audio DVI-Type** cables are supplied with the GV-900A card with 32 video inputs, the two **1-8 Cams with 4-Port Audio DVI-Type** cables are supplied with the GV-900A card with 16 video inputs and the two **1-4 Cams with 4-Port Audio DVI-Type** cables are supplied with the GV-900A card with 8 video inputs.

Accessories

4 cam video cable



8 cam video cable



16 cam video cable

