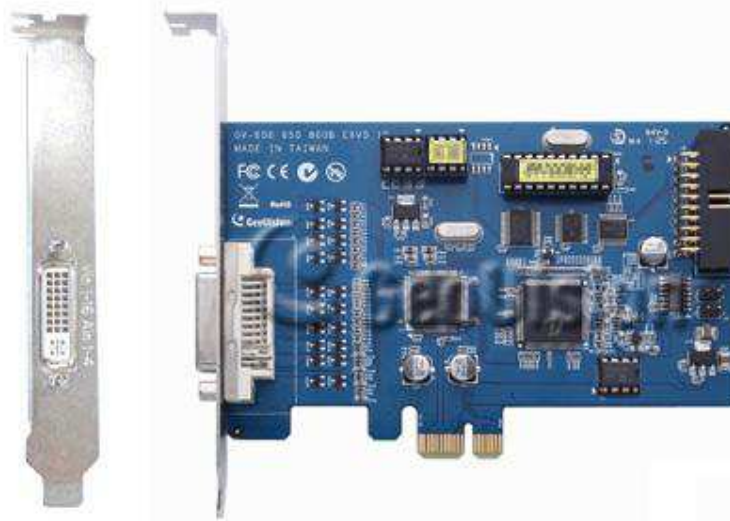


## GV-650B Video Capture Card



GV-650B Card provides up to 16 video channels and 4 audio channels, recording up to 60 / 50 fps (NTSC / PAL) in total with H.264 software compression.

### Specifications

			GV-650B	GV-650B X 2
Interface			PCI-E (x1)	PCI-E (x1) x 2, PCI x 1 + PCI-E (x1) x 1
Input Type			DVI	
Video Input			4, 8, 16 Cams	8, 12, 16, 20, 24, 32 Cams
Audio Input			4 Channels	8 Channels
Recording Rate	CIF	NTSC	4-port: 60 fps 16-port: 60 fps	4+4 port: 120 fps 16+16 port: 120 fps
		PAL	4-port: 50 fps 16-port: 50 fps	4+4 port: 100 fps 16+16 port: 100 fps
	D1	NTSC	4-port: 60 fps 16-port: 30 fps	4+4 port: 120 fps 16+16 port: 60 fps
		PAL	4-port: 50 fps 16-port: 25 fps	4+4 port: 100 fps 16+16 port: 50 fps
Display Rate	CIF	NTSC	4-port: 60 fps 16-port: 60 fps	4+4 port: 120 fps 16+16 port: 120 fps
		PAL	4-port: 50 fps 16-port: 50 fps	4+4 port: 100 fps 16+16 port: 100 fps
	D1	NTSC	4-port: 60 fps 16-port: 30 fps	4+4 port: 120 fps 16+16 port: 60 fps
		PAL	4-port: 50 fps 16-port: 25 fps	4+4 port: 100 fps 16+16 port: 50 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)		PCI-E	120 x 82 mm / 4.7 x 3.2 in	
Installation Guide			GV-650B	

#### Note:

1. GV-650B is currently not compatible with VIA series and ATI series chipset motherboards.
2. 8-port has the same recording rate and display rate as 16-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, 2.4 GHz	
RAM	2 x 1 GB Dual Channels	
HDD	80 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	Pentium 4, 2.8 GHz with Hyper Threading	
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	

**Packing List**

1. GV-650B Card x 1
2. 1-16 Cams with 4-Port Audio DVI-Type Cable x 1 / 1-8 Cams with 4-Port Audio DVI-Type Cable x 1 / 1-4 Cams with 4-Port Audio DVI-Type Cable x 1
3. Hardware Watchdog Jumper Wire x 1
4. Software DVD x 1

**Note:** The **1-16 Cams with 4-Port Audio DVI-Type** cable is supplied with GV-650B card with 16 video inputs, the **1-8 Cams with 4-Port Audio DVI-Type** cable is supplied with GV-650B card with 8 video inputs, while the **1-4 Cams with 4-Port Audio DVI-Type** cable is supplied with GV-650B card with 4 video inputs.

**Accessories**

4 cam video cable



8 cam video cable



16 cam video cable

