



## Compression Card Comparison Chart (Single Card)

|                                    | GV-600<br>A   | GV-650<br>A  | GV-800<br>A                              | GV-600<br>B                           | GV-650<br>B        | GV-800<br>B                         | GV-900<br>A                       | GV-1120<br>A   | GV-1240<br>A                        | GV-1480<br>A        | GV-1120<br>B   | GV-1240<br>B                 | GV-1480<br>B        | GV-3008                   | GV-4008<br>A                          | GV-5016              |         |
|------------------------------------|---|--|--|---------------------------------------|--------------------|-------------------------------------|-----------------------------------|--|-------------------------------------|---------------------|--|------------------------------|---------------------|---------------------------|---------------------------------------|----------------------|---------|
| Interface                          | PCI   | PCI, PCI-E (x1)  |  | PCI-E (x1)                            |                    |                                     |                                   | PCI-E (x4)   |                                     |                     | PCI-E (x1)   |                              |                     |                           |                                       |                      |         |
| Input Type                         | BNC, D-Type   | BNC, D-Type  | BNC, D-Type                              | DVI                                   |                    |                                     | D-Type, DVI                       |  |                                     | DVI                 |  |                              | D-Type              | DVI                       | LFH                                   |                      |         |
| Video Input                        | 1, 2, 4, 6, 8, 10, 12, 14, 16   | 4, 8, 12, 16   |  | 4, 8, 16                              |                    |                                     | 8, 16, 32                         | 8, 12, 16  | 8, 16                               | 16                  | 16   |                              |                     | 8                         |                                       | 16                   |         |
| Recording Rate                     | CIF   | NTSC   | 30 fps                                   | 60 fps                                | 120 fps            | 4 port: 30 fps<br>16 port: 30 fps   | 4 port: 60 fps<br>16 port: 60 fps | 4 port: 120 fps<br>16 port: 120 fps  | 8 port: 240 fps<br>32 port: 240 fps | 120 fps             | 240 fps  | 480 fps                      | 120 fps             | 240 fps                   | 480 fps                               | -                    |         |
|                                    |   | PAL  | 25 fps                                   | 50 fps                                | 100 fps            | 4 port: 25 fps<br>16 port: 25 fps   | 4 port: 50 fps<br>16 port: 50 fps | 4 port: 100 fps<br>16 port: 100 fps  | 8 port: 200 fps<br>32 port: 200 fps | 100 fps             | 200 fps  | 400 fps                      | 100 fps             | 200 fps                   | 400 fps                               | -                    |         |
|                                    | D1  | NTSC   | 15 fps                                   | 30 fps                                | 60 fps             | 4 port: 30 fps<br>16 port: 15 fps   | 4 port: 60 fps<br>16 port: 30 fps | 4 port: 120 fps<br>16 port: 60 fps   | 8 port: 240 fps<br>32 port: 120 fps | 80 fps              | 120 fps  | 240 fps                      | 120 fps             | 240 fps                   | 480 fps                               | 240 fps              | 480fps  |
|                                    |   | PAL  | 12.5 fps                                 | 25 fps                                | 50 fps             | 4 port: 25 fps<br>16 port: 12.5 fps | 4 port: 50 fps<br>16 port: 25 fps | 4 port: 100 fps<br>16 port: 50 fps   | 8 port: 200 fps<br>32 port: 100 fps | 72 fps              | 100 fps  | 200 fps                      | 100 fps             | 200 fps                   | 400 fps                               | 200 fps              | 400fps  |
| Display Rate                       | CIF   | NTSC   | 30 fps                                   | 60 fps                                | 120 fps            | 4 port: 30 fps<br>16 port: 30 fps   | 4 port: 60 fps<br>16 port: 60 fps | 4 port: 120 fps<br>16 port: 120 fps  | 8 port: 240 fps<br>32 port: 240 fps | 480 fps             | 480 fps  | 480 fps                      | 480 fps             | 480 fps                   | 480 fps                               | -                    |         |
|                                    |   | PAL  | 25 fps                                   | 50 fps                                | 100 fps            | 4 port: 25 fps<br>16 port: 25 fps   | 4 port: 50 fps<br>16 port: 50 fps | 4 port: 100 fps<br>16 port: 100 fps  | 8 port: 200 fps<br>32 port: 200 fps | 400 fps             | 400 fps  | 400 fps                      | 400 fps             | 400 fps                   | 400 fps                               | -                    |         |
|                                    | D1  | NTSC   | 15 fps                                   | 30 fps                                | 60 fps             | 4 port: 30 fps<br>16 port: 15 fps   | 4 port: 60 fps<br>16 port: 30 fps | 4 port: 120 fps<br>16 port: 60 fps   | 8 port: 240 fps<br>32 port: 120 fps | 480 fps             | 480 fps  | 480 fps                      | 480 fps             | 480 fps                   | 480 fps                               | 240 fps              | 480 fps |
|                                    |   | PAL  | 12.5 fps                                 | 25 fps                                | 50 fps             | 4 port: 25 fps<br>16 port: 12.5 fps | 4 port: 50 fps<br>16 port: 25 fps | 4 port: 100 fps<br>16 port: 50 fps   | 8 port: 200 fps<br>32 port: 100 fps | 400 fps             | 400 fps  | 400 fps                      | 400 fps             | 400 fps                   | 400 fps                               | 200 fps              | 400 fps |
| Video Codec                        | Geo MPEG4, Geo H.264  |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     | H/W: Geo H.264            |                                       |                      |         |
|                                    |   |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     | S/W: Geo MPEG4, Geo H.264 |                                       |                      |         |
| Video Resolution                   | NTSC  | 704 x 480, 704 x 480 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 240, 320 x 240 |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |
|                                    | PAL   | 704 x 576, 704 x 576 De-interlace, 640 x 480, 640 x 480 De-interlace, 352 x 288, 320 x 240 |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |
| Audio Input                        | 1   | 2  | 4  |                                       |                    | 8                                   | 8, 12, 16                         | 8, 16  | 16                                  |                     |  | 8                            | 16                  |                           |                                       |                      |         |
| Audio Support                      | Yes (16 kHz / 16 bit)   |  |  | Yes (16 kHz / 16 bit, 32kHz / 16 bit) |                    |                                     |                                   |  |                                     |                     |  |                              |                     | Yes (16 kHz / 16 bit)     | Yes (16 kHz / 16 bit, 32kHz / 16 bit) |                      |         |
| GV-Multi Quad Card Support         | ○   | ○  | ○  | ✗                                     | ✗                  | ✗                                   | ✗                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○                                     | ✗                    |         |
| GV-Loop Through Card Support       | ○   | ○  | ○  | ✗                                     | ✗                  | ✗                                   | ✗                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○                                     | ✗                    |         |
| GV-NET/IO Card Support             | ○   | ○  | ○  | ○                                     | ○                  | ○                                   | ○                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○ <sup>2</sup>                        | ○ <sup>2</sup>       |         |
| GV-I/O 12-In Card Support          | ○   | ○  | ○  | ○                                     | ○                  | ○                                   | ○                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○ <sup>2</sup>                        | ○ <sup>2</sup>       |         |
| GV-I/O 12-Out Card Support         | ○   | ○  | ○  | ○                                     | ○                  | ○                                   | ○                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○ <sup>2</sup>                        | ○ <sup>2</sup>       |         |
| Hardware Watchdog                  | ○   | ○  | ○  | ○                                     | ○                  | ○                                   | ○                                 | ○  | ○                                   | ○                   | ○  | ○                            | ○                   | ○                         | ○                                     | ○                    |         |
| Dimensions (W x H)                 | 144 X 89 mm   | 174 x 98 mm  | BNC: 152 x 94 mm;<br>D-Type: 174 x 98 mm | PCI-E: 120 x 82 mm                    |                    |                                     | 120 X 112 mm                      | 179 X 112 mm   |                                     |                     | 156 X 111 mm   |                              |                     | 180 x 112 mm              | 169 x 112 mm                          | 168 x 70 mm          |         |
| <b>Minimum System Requirements</b> |   |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |
| OS                                 | Windows XP (32-bit) / Vista (32-bit) / 7 (32-bit and 64-bit) / 8 (32-bit and 64-bit) / Server 2008 (32-bit and 64-bit) / Server 2012 (64-bit) |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |
| DirectX                            | 9.0c  |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |
| CPU                                | Pentium 4, 2.0 GHz  | Pentium 4, 2.4 GHz   | Pentium 4, 3.0 GHz with HT               | Pentium 4, 2.0 GHz                    | Pentium 4, 2.4 GHz | Pentium 4, 3.0 GHz with HT          | Pentium 4, 3.0 GHz Dual Core      | Pentium 4, 3.0 GHz With HT   | Pentium 4, 3.0 GHz Dual Core        | Core 2 Duo, 3.0 GHz | Pentium 4, 3.0 GHz With HT   | Pentium 4, 3.0 GHz Dual Core | Core 2 Duo, 3.0 GHz | Core 2 Duo, 2.33 GHz      |                                       | Core 2, Quad 2.4 GHz |         |
| RAM                                | 2 x 512 MB Dual Channels (Windows XP)   |  |  |                                       |                    |                                     | 2 x 1 GB Dual Channels            | 2 x 512 MB Dual Channels (Windows XP)                                      |                                     |                     | 2 x 512 MB Dual Channels (Windows XP)                                      |                              |                     | 2 x 1 GB Dual Channels    |                                       |                      |         |
|                                    | 2 x 1 GB Dual Channels (Windows Vista / 7 / 8 / Server 2008 / Server 2012)  |  |  |                                       |                    |                                     |                                   | 2 x 1 GB Dual Channels (Windows Vista / 7 / 8 / Server 2008 / Server 2012) |                                     |                     | 2 x 1 GB Dual Channels (Windows Vista / 7 / 8 / Server 2008 / Server 2012) |                              |                     |                           |                                       |                      |         |
| HDD                                | 80 GB   |  |  |                                       |                    |                                     | 160 GB                            | 80 GB  | 120 GB                              | 250 GB              | 80 GB  | 120 GB                       | 250 GB              | 250 GB                    |                                       | 500 GB               |         |
| Graphic Card                       | AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color   |  |  |                                       |                    |                                     |                                   |  |                                     |                     |  |                              |                     |                           |                                       |                      |         |

**Note:**

1. GV-1120A/1240A/1480A cards support TV-Out function. GV-1120B/1240B/1480B cards do not have a TV-Out port but you can use Digital Matrix function for multiple monitor displays.
2. To work together with GV-4008A/5016, GV-NET I/O Card V3.1 must be set in the I/O Box Mode and connected to the PC through USB or DB9.
3. The minimum system requirements are only for CIF Resolution on all cards except GV-3008/4008A/5016.
4. All specifications are subject to change without notice.



## Compression Card Comparison Chart (Two Cards)

|                                    |      | GV-600<br>A X 2   | GV-650 A<br>X 2                     | GV-800A<br>X 2   | GV-600B<br>X 2                        | GV-650B<br>X 2                                  | GV-800B<br>X 2                                    | GV-900A<br>X 2                                    | GV-1120<br>A X 2                                  | GV-1240<br>A X 2          | GV-1480<br>A X 2          | GV-1120<br>B X 2                    | GV-1240<br>B X 2         | GV-1480<br>B X 2          | GV-3008<br>x 2              | GV-4008<br>A X 2                            | GV-5016<br>x 2            |  |
|------------------------------------|------|---|-------------------------------------|--|---------------------------------------|---|---|---|---|---------------------------|---------------------------|-------------------------------------|--------------------------|---------------------------|-----------------------------|---|---------------------------|--|
| Interface                          |      | PCI x 2   |                                     | PCI x 2,<br>PCI-E (x1)<br>x 2,<br>PCI x 1 +<br>PCI-E (x1)<br>x 1 | PCI-E (x1) x 2,                       |   |   | PCI-E (x1) x 2                                    |   |                           |                           | PCI-E (x4) x 2                      |                          |                           | PCI-E (x1) x 2              |   |                           |  |
| Input Type                         |      | BNC,<br>D-Type  | BNC,<br>D-Type                      | BNC,<br>D-Type   | DVI                                   |   |   | D-Type, DVI                                       |   |                           | DVI                       |                                     |                          | D-Type                    | DVI                         | LFH   |                           |  |
| Video Input                        |      | 32 (Max.)   |                                     |  | 8, 12, 16, 20, 24, 32                 |   |   | 16, 24,<br>32                                     | 16, 20,<br>24, 28,<br>32                          | 16, 24,<br>32             | 32                        | 32                                  |                          |                           | 16                          |   | 32                        |  |
| Recording<br>Rate                  | CIF  | NTSC  | 60 fps                              | 120 fps  | 240 fps                               | 4+4 port:<br>60 fps<br>16+16<br>port: 60<br>fps | 4+4 port:<br>120 fps<br>16+16<br>port:<br>120 fps | 4+4 port:<br>240 fps<br>16+16<br>port: 240<br>fps | 8+8 port:<br>480 fps<br>16+16<br>port: 480<br>fps | 240 fps                   | 480 fps                   | 960 fps                             | 240 fps                  | 480 fps                   | 960 fps                     | -   |                           |  |
|                                    |      | PAL   | 50 fps                              | 100 fps  | 200 fps                               | 4+4 port:<br>50 fps<br>16+16<br>port: 50<br>fps | 4+4 port:<br>100 fps<br>16+16<br>port:<br>100 fps | 4+4 port:<br>200 fps<br>16+16<br>port: 200<br>fps | 8+8 port:<br>400 fps<br>16+16<br>port: 400<br>fps | 200 fps                   | 400 fps                   | 800 fps                             | 200 fps                  | 400 fps                   | 800 fps                     | -   |                           |  |
|                                    | D1   | NTSC  | 30 fps                              | 60 fps   | 120 fps                               | 4+4 port:<br>60 fps<br>16+16<br>port: 30<br>fps | 4+4 port:<br>120 fps<br>16+16<br>port: 60<br>fps  | 4+4 port:<br>240 fps<br>16+16<br>port: 120<br>fps | 8+8 port:<br>480 fps<br>16+16<br>port: 240<br>fps | 160 fps                   | 240 fps                   | 480 fps                             | 240 fps                  | 480 fps                   | 960 fps                     | 480 fps                                     | 960fps                    |  |
|                                    |      | PAL   | 25 fps                              | 50 fps   | 100 fps                               | 4+4 port:<br>50 fps<br>16+16<br>port: 25<br>fps | 4+4 port:<br>100 fps<br>16+16<br>port: 50<br>fps  | 4+4 port:<br>200 fps<br>16+16<br>port: 100<br>fps | 8+8 port:<br>400 fps<br>16+16<br>port: 200<br>fps | 144 fps                   | 200 fps                   | 400 fps                             | 200 fps                  | 400 fps                   | 800 fps                     | 400 fps                                     | 800fps                    |  |
| Display<br>Rate                    | CIF  | NTSC  | 60 fps                              | 120 fps  | 240 fps                               | 4+4 port:<br>60 fps<br>16+16<br>port: 60<br>fps | 4+4 port:<br>120 fps<br>16+16<br>port:<br>120 fps | 4+4 port:<br>240 fps<br>16+16<br>port: 240<br>fps | 8+8 port:<br>480 fps<br>16+16<br>port: 480<br>fps | 960 fps                   | 960 fps                   | 960 fps                             | 960 fps                  | 960 fps                   | 960 fps                     | -   |                           |  |
|                                    |      | PAL   | 50 fps                              | 100 fps  | 200 fps                               | 4+4 port:<br>50 fps<br>16+16<br>port: 50<br>fps | 4+4 port:<br>100 fps<br>16+16<br>port:<br>100 fps | 4+4 port:<br>200 fps<br>16+16<br>port: 200<br>fps | 8+8 port:<br>400 fps<br>16+16<br>port: 400<br>fps | 800 fps                   | 800 fps                   | 800 fps                             | 800 fps                  | 800 fps                   | 800 fps                     | -   |                           |  |
|                                    | D1   | NTSC  | 30 fps                              | 60 fps   | 120 fps                               | 4+4 port:<br>60 fps<br>16+16<br>port: 30<br>fps | 4+4 port:<br>120 fps<br>16+16<br>port: 60<br>fps  | 4+4 port:<br>240 fps<br>16+16<br>port: 120<br>fps | 8+8 port:<br>480 fps<br>16+16<br>port: 240<br>fps | 960 fps                   | 960 fps                   | 960 fps                             | 960 fps                  | 960 fps                   | 960 fps                     | 480 fps                                     | 960 fps                   |  |
|                                    |      | PAL   | 25 fps                              | 50 fps   | 100 fps                               | 4+4 port:<br>50 fps<br>16+16<br>port: 25<br>fps | 4+4 port:<br>100 fps<br>16+16<br>port: 50<br>fps  | 4+4 port:<br>200 fps<br>16+16<br>port: 100<br>fps | 8+8 port:<br>400 fps<br>16+16<br>port: 200<br>fps | 800 fps                   | 800 fps                   | 800 fps                             | 800 fps                  | 800 fps                   | 800 fps                     | 400 fps                                     | 800 fps                   |  |
| Video Codec                        |      | Geo MPEG4, Geo H.264  |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           | H/W: Geo H.264              |   |                           |  |
|                                    |      |   |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           | S/W: Geo MPEG4, Geo H.264   |   |                           |  |
| Video<br>Resolution                | NTSC | 704 x 480, 704 x 480 De-interlace, 640 x 480,<br>640 x 480 De-interlace, 352 x 240, 320 x 240   |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           | H/W:704 x 480               |   |                           |  |
|                                    | PAL  | 704 x 576, 704 x 576 De-interlace, 640 x 480,<br>640 x 480 De-interlace, 352 x 288, 320 x 240   |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           | S/W:704 x 576               |   |                           |  |
| Audio Input                        |      | 2   | 4                                   | 8  |                                       |   | 16  | 16, 20,<br>24, 28,<br>32                          | 16, 24,<br>32                                     | 32                        |                           |                                     | 16                       |                           | 32                          |   |                           |  |
| Audio Support                      |      | Yes (16 kHz / 16 bit)   |                                     |  | Yes (16 kHz / 16 bit, 32kHz / 16 bit) |   |   |   |   |                           |                           |                                     |                          |                           | Yes (16<br>kHz / 16<br>bit) | Yes (16 kHz / 16<br>bit, 32kHz /<br>16 bit) |                           |  |
| GV-Multi Quad Card Support         |      | ○   | ○                                   | ○  | ✗                                     | ✗   | ✗   | ✗   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○   | ✗                         |  |
| GV-Loop Through Card Support       |      | ○   | ○                                   | ○  | ✗                                     | ✗   | ✗   | ✗   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○   | ✗                         |  |
| GV-NET/I/O Card Support            |      | ○   | ○                                   | ○  | ○                                     | ○   | ○   | ○   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○ <sup>2</sup>                              | ○ <sup>2</sup>            |  |
| GV-I/O 12-In Card Support          |      | ○   | ○                                   | ○  | ○                                     | ○   | ○   | ○   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○ <sup>2</sup>                              | ○ <sup>2</sup>            |  |
| GV-I/O 12-Out Card Support         |      | ○   | ○                                   | ○  | ○                                     | ○   | ○   | ○   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○ <sup>2</sup>                              | ○ <sup>2</sup>            |  |
| Hardware Watchdog                  |      | ○   | ○                                   | ○  | ○                                     | ○   | ○   | ○   | ○   | ○                         | ○                         | ○                                   | ○                        | ○                         | ○                           | ○   | ○                         |  |
| <b>Minimum System Requirements</b> |      |   |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           |                             |   |                           |  |
| OS                                 |      | Windows XP (32-bit) / Vista (32-bit) / 7 (32-bit and 64-bit) / 8 (32-bit and 64-bit) / Server 2008 (32-bit and 64-bit) / Server 2012 (64-bit) |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           |                             |   |                           |  |
| DirectX                            |      | 9.0c  |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           |                             |   |                           |  |
| CPU                                |      | Pentium<br>m 4,<br>2.6 GHz<br>with HT   | Pentium<br>4, 2.8<br>GHz with<br>HT | Pentium<br>4, 3.0<br>GHz<br>Dual<br>Core                         | Pentium<br>4, 2.6<br>GHz with<br>HT   | Pentium<br>4, 2.8<br>GHz with<br>HT             | Pentium<br>4, 3.0<br>GHz Dual<br>Core             | Core<br>i5-750,<br>2.66 GHz                       | Pentium<br>4, 3.0<br>GHz Dual<br>Core             | Core 2<br>Duo,<br>2.53GHz | Core 2<br>Quad,<br>2.4GHz | Core 2<br>Duo,<br>E7200,<br>2.53GHz | Core 2<br>Duo,<br>3.0GHz | Core 2<br>Quad,<br>2.4GHz | Core 2 Quad,<br>2.4GHz      |   | Core i5<br>650,<br>3.2GHz |  |
| RAM                                |      | 2 x 1 GB Dual Channels  |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           |                             |   |                           |  |
| HDD                                |      | 160 GB  |                                     |  |                                       |   |   | 500 GB  | 160 GB  | 250 GB                    | 500 GB                    | 160 GB                              | 250 GB                   | 500 GB                    | 500 GB                      | 500 GB                                      | 1 TB                      |  |
| Graphic Card                       |      | AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color   |                                     |  |                                       |   |   |   |   |                           |                           |                                     |                          |                           |                             |   |                           |  |

**Note:**

1. GV-1120A/1240A/1480A cards support TV-Out function. GV-1120B/1240B/1480B cards do not have a TV-Out port but you can use Digital Matrix function for multiple monitor displays.
2. To work together with GV-4008A/5016, GV-NET I/O Card V3.1 must be set in the I/O Box Mode and connected to the PC through USB or DB9.
3. The minimum system requirements are only for CIF Resolution on all cards except GV-3008/4008A/5016.
4. All specifications are subject to change without notice.



## Compression Card Comparison Chart (SDI Card)

|   |       | GV-SDI-204  | GV-SDI-204 (x 4)     |
|---|-------|---|----------------------|
|   |       | PCI-E (x1)  | PCI-E (x1) x 4       |
| Interface   |       |   |                      |
| Input Type  |       |   | BNC                  |
| Video Input   |       | 4   | 16                   |
| Recording Rate and Display Rate   | 1080p | NTSC  | 120 fps              |
|   |       | PAL   | 100 fps              |
|   | 720p  | NTSC  | 240 fps              |
|   |       | PAL   | 200 fps              |
|   | 1080i | NTSC  | 120 fps              |
|   |       | PAL   | 100 fps              |
| Video Codec   |       | H.264<br>Geo MPEG4, Geo H.264   |                      |
| Video Resolution  | H/W   | 1080p   | 1920 x 1080          |
|   |       | 720p  | 1280 x 720           |
|   | S/W   | 1080i   | 1920 x 1080          |
|   |       | 1080p   | 960 x 540, 480 x 270 |
|   | S/W   | 720p  | 640 x 360            |
|   |       | 1080i   | 960 x 540, 480 x 270 |
| Audio Input   |       | N/A   |                      |
| Audio Codec   |       | N/A   |                      |
| GV-Multi Quad Card Support  |       | X   |                      |
| GV-Loop Through Card Support  |       | X   |                      |
| GV-NET/IO Card Support  |       | O <sup>1</sup>  |                      |
| GV-I/O 12-In Card Support   |       | O <sup>1</sup>  |                      |
| GV-I/O 12-Out Card Support  |       | O <sup>1</sup>  |                      |
| Hardware Watchdog   |       | O   |                      |
| Dimensions (W x H)  |       | 158 x 111 mm  |                      |
| <b>Minimum System Requirements</b>  |       |   |                      |
| OS<br>Windows XP (32-bit) / Vista (32-bit) / 7 (32-bit and 64-bit) / 8 (32-bit and 64-bit) / Server 2008 (32-bit and R2, 64-bit) / Server 2012 (64-bit) |       |   |                      |
| DirectX   |       | 9.0c  |                      |
| CPU   |       | Core 2 Duo, 2.00 GHz  | Core i3, 3.40 GHz    |
| RAM   |       | 2 x 1 GB Dual Channels  |                      |
| HDD   |       | 500 GB  | 2 TB                 |
| Graphic Card  |       | AGP or PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color |                      |

**Note:**

- To work together with GV-SDI-204, GV-NET I/O Card V3.1 must be set in the I/O Box Mode and connected to the PC through USB or DB9.
- All specifications are subject to change without notice.