

# Datavideo Product Compare

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|                    |                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Modell-Nr          | <b>VGB-4000</b>                                                                                                         |
| Product            | <b>4K Pro Presentation System</b>                                                                                       |
| Video Format       | 3840x2160p 60/59.94/50/30/29.97/25<br>1080p 60/59.94/50/30/29.97/25<br>1080i 60/59.94/50                                |
| Video Input        | 1x 12G/6G/3G-SDI<br>2x HDMI2.0                                                                                          |
| AUX Input          | 1x HDMI1.4 (Luma-key Overlay or External Matte or Camera)                                                               |
| Video Output       | 2x 12G/6G/3G-SDI<br>1x HDMI 2.0                                                                                         |
| Video PVW Output   | 1x 12G/6G/3G-SDI<br>1x HDMI 2.0<br>1x 12G/6G/3G-SDI Camera loop out                                                     |
| Chroma-key Control | PC to the RJ-45                                                                                                         |
| Audio Input        | 3 x balanced stereo audio / Microphone<br>(3 Pin XLR / 1/4" (6.3mm) Socket)<br>2 x unbalanced stereo audio, RCA sockets |

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| Audio Signal Spec.       | <p>Line Input (XLR):<br/> Bandwidth: 20Hz~20KHz &lt; +/- 3dB<br/> S/N Ratio: &gt; 80 dB @1KHz, 14dBu (signal level)<br/> T.H.D.: &lt; 0.01% @1KHz,14dBu<br/> Isolation: &gt; 75dB</p> <p>Line Input (RCA):<br/> Bandwidth: 20Hz~20KHz &lt; +/- 3dB<br/> S/N Ratio: &gt; 80 dB @1KHz,0dBV (signal level)<br/> T.H.D.: &lt; 0.01% @1KHz,0dBV<br/> Isolation: &gt; 75dB</p> <p>Mic Input (XLR):<br/> Bandwidth: 20Hz~20KHz &lt; +/- 3dB<br/> S/N Ratio:<br/> &gt; 75 dB @1KHz, +20dB gain<br/> &gt; 70 dB @1KHz, +40dB gain<br/> T.H.D.:<br/> &lt; 0.03% @1KHz, +20dB gain<br/> &lt; 0.5% @1KHz, +40dB gain<br/> Isolation:<br/> &gt; 75dB @+20dB gain<br/> &gt; 70dB @+40dB gain</p> |
| Audio Signal Delay Time  | Up to 3000ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Foot Switch Input        | 1 x 3 pin mini XLR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Streaming</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Streaming Output         | 1 x RJ-45 (10/100M Ethernet)<br>1 x USB 2.0 Type A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Streaming Video Encoding | H.264/AVC High Profile Level 4.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Streaming Audio Encoding | AAC-LC<br>Sample rate: 48KHz, 16bit<br>Configurable bit rate: 128K or 256K or 384K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                           |                                                                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Streaming Video Resolution                | 1080p 60/59.94/50<br>1080p 30/29.97/25/24/23.98<br>1080i 60/59.94/50<br>720p 60/59.94/50<br>480i 59.94, 576i 50                   |
| Streaming Protocols                       | TS over TCP/UDP (unicast & multicast)<br>RTSP over HTTP/TCP/UDP (RTSP Elementary Stream)<br>RTMP/RTMPS(Publish)<br>SRT            |
| <b>Recording</b>                          |                                                                                                                                   |
| Recorded Video Format                     | 2160p 23.98/24/25/29.97/30/50/59.94/60Hz<br>1080p 23.98/24/25/29.97/30/50/59.94/60Hz<br>1080i 50/59.94/60Hz<br>720p 50/59.94/60Hz |
| Recorded Audio Format                     | Uncompressed PCM<br>Sampling rate 24bit 48KHz                                                                                     |
| Recorded File Format                      | QuickTime. MOV                                                                                                                    |
| Recording Media                           | 2x 2.5" Removable SSD                                                                                                             |
| Recording Storage File System             | exFAT                                                                                                                             |
| Multi-channel Recording                   | Yes, 4-CH HD                                                                                                                      |
| Video Recording Bit Rate / Color Sampling | ProRes 422 HQ<br>ProRes 422<br>ProRes 422 LT<br>ProRes 422 Proxy                                                                  |
| Preview Display                           | 5" Touch LCD                                                                                                                      |
| <b>Others</b>                             |                                                                                                                                   |

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Dimension             | 496 x 460 x 212 mm                                                                                                                |
| Weight                | 20 kg                                                                                                                             |
| Operating Temp. Range | 0~40 °C                                                                                                                           |
| Power                 | AC 100-240 VAC<br>DC 12V 400W                                                                                                     |
| What's in the Box     | VGB-4000 Main Unit<br>HE-4 (External 2.5" HDD Case)<br>FS-220 Foot Switch<br>VP-840 Unit<br>AC Power Cord<br>SATA to USB3.0 cable |