

Virtual Green Board System

4K Pro Presentation System
VGB-4000

Video Format	3840x2160p 60/59.94/50/30/29.97/25 1080p 60/59.94/50/30/29.97/25 1080i 60/59.94/50
Video Input	1x 12G/6G/3G-SDI 2x HDMI2.0
AUX Input	1x HDMI1.4 (Lumakey Overlay or External Matte or Camera)
Video Output	2x 12G/6G/3G-SDI 1x HDMI 2.0
Video PVW Output	1x 12G/6G/3G-SDI 1x HDMI 2.0 1x 12G/6G/3G-SDI Camera loop out
Chromakey Control	PC to the RJ-45
Audio Input	3 x balanced stereo audio / Microphone (3 Pin XLR / 1/4" (6.3mm) Socket) 2 x unbalanced stereo audio, RCA sockets
Audio Signal Spec.	Line Input (XLR): Bandwidth: 20Hz~20KHz < +/- 3dB S/N Ratio: > 80 dB @1KHz, 14dBu (signal level) T.H.D.: < 0.01% @1KHz,14dBu Isolation: > 75dB Line Input (RCA): Bandwidth: 20Hz~20KHz < +/- 3dB S/N Ratio: > 80 dB @1KHz,0dBV (signal level) T.H.D.: < 0.01% @1KHz,0dBV Isolation: > 75dB Mic Input (XLR): Bandwidth: 20Hz~20KHz < +/- 3dB S/N Ratio: > 75 dB @1KHz, +20dB gain > 70 dB @1KHz, +40dB gain T.H.D.: < 0.03% @1KHz, +20dB gain < 0.5% @1KHz, +40dB gain Isolation: > 75dB @+20dB gain > 70dB @+40dB gain
Audio Signal Delay Time	Up to 3000ms
Foot Switch Input	1 x 3 pin mini XLR

Streaming

Streaming Output	1 x RJ-45 (10/100M Ethernet) 1 x USB 2.0 Type A
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Streaming Video Encoding	H.264/AVC High Profile Level 4.1
Streaming Audio Encoding	AAC-LC Sample rate: 48KHz, 16bit Configurable bit rate: 128K or 256K or 384K
Streaming Video Resolution	1080p 60/59.94/50 1080p 30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50 480i 59.94, 576i 50
Streaming Protocols	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Stream) RTMP/RTMPS(Publish) SRT

Recording

Recorded Video Format	2160p 23.98/24/25/29.97/30/50/59.94/60Hz 1080p 23.98/24/25/29.97/30/50/59.94/60Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz
Recorded Audio Format	Uncompressed PCM 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 ProRes 422 ProRes 422 LT ProRes 422 Proxy
Preview Display	5" Touch LCD

Others

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