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	1x XLR balanced MIC IN 2x unbalanced RCA IN
Audio Signal Spec.	Bandwidth: 20~20KHz<+/-3dB S/N Ratio>70dB T.H.D<0.1%
Audio Signal Delay Time	10~700ms (1 frame PAL=40ms, 1 frame NTSC= 33.333’ms)
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
Streaming Video Encoding	H.264 / AVC video CODEC, up to High Profile Level 4.0 Configurable Bit-rate up to 6Mbps
Streaming Audio Encoding	AAC-LC Configurable bitrate range from 32Kbps to 384Kbps Sample rate : 48KHz, 16bit
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 Streaming) RTMP/RTMPS (Publish) HLS 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