Virtual Green Board System

2-Channel Professional presentation system

VGB-2000

Video Format	1080i 50/59.94/60Hz 720p 50/59.94/60Hz
Video Input	4 x SD/HD/3G-SDI 2 x HDMI
AUX Input	---
Video Output	1 x SD/HD/3G-SDI 3 x HDMI
Video PVW Output	---
Chromakey Control	PC to the RJ-45
Audio Input	1x XLR balanced MIC IN 2 x 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	1080p 23.97/24Hz 1080i 50/59.94/60Hz 720p 50/59.94/60Hz 576i 50Hz, 480i 59.94Hz
Recorded Audio Format	Uncompressed PCM Sampling rate 24bit 48KHz
Recorded File Format	MXF OP1A, MOV
Recording Media	1x 2.5" Removable HDD/ SSD
Recording Storage File System	NTFS (read only)
Multi-channel Recording	---
Video Recording Bit Rate / Color Sampling	MPEG2 Long GOP HD: 1. 10/ 25Mbps 4:2:0 1440x1080/1280x720, 2. 35/ 50/ 65/ 120Mbps 4:2:2 1920x1080/1280x720, MPEG2 Long GOP SD: 1. 8Mbps 4:2:0 720x480/720x576 (to be F/W upgrade) 2. 15/ 30/ 50Mbps 4:2:2 720x480/720x576 MPEG2 I-Frame Only HD: 1. 80/ 100/ 125Mbps 4:2:2 1920x1080/1280x720 MPEG2 I-Frame Only SD: 1. 25/ 50Mbps 4:2:2 720x480/720x576
Preview Display	---

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	1 x VGB-2000 Main Unit 1 x HE-1 (External 2.5” HDD Case) 1 x FS-220 Foot Switch 1 x VP-840 Unit 1 x TPC-700 Unit Power Cord