

CHARACTER GENERATOR **CG-PORTABLE**

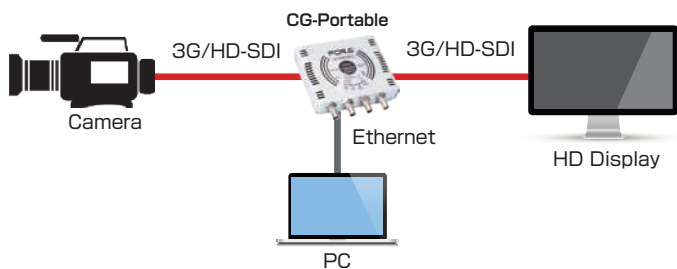


Compact and cost-effective character generator

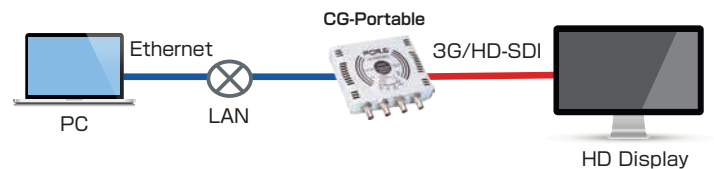
- Easy setup and control via Web-GUI to quickly get captions up and running
- Supports 3G/HD-SDI input and output
- Fill and key mixing over live background video or uploaded graphics
- Two independent text overlays support horizontal crawl and vertical roll
- Independent multi-lingual support for text overlay
- Static and animated logo insertion
- Timer overlay with up/down count
- Over 70 frames of graphic playback buffer
- Ideal for a range of signage applications
- GUI developed by Brainstorm
- External reference input available

Examples of use

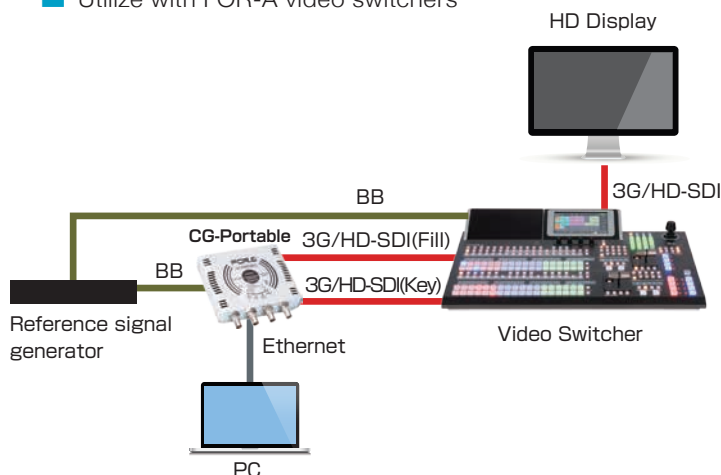
- Add graphics to camera output



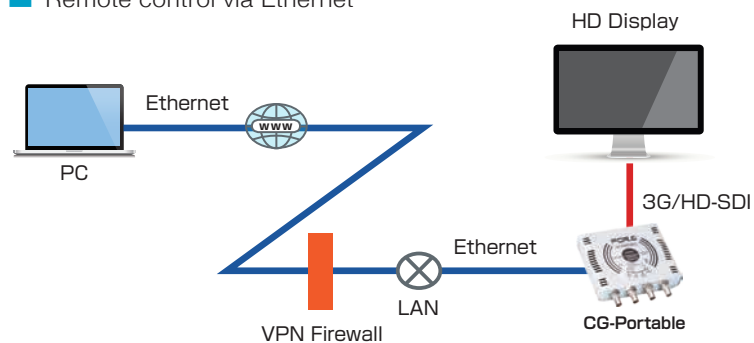
- Control via LAN cable



- Utilize with FOR-A video switchers



- Remote control via Ethernet



Samples



Specifications

Video Formats		3G-SDI: 1080/50p(Level-A/B), 1080/59.94p(Level-A/B), 1080/60p(Level-A/B) HD-SDI: 1080/50i, 1080/59.94i, 1080/60i, 1080/23.98p, 1080/24p, 1080/25p, 1080/29.97p, 1080/30p, 1080/23.98PsF, 1080/24PsF, 1080/25PsF, 1080/29.97PsF, 1080/30PsF
Video Processing		10-bit; 4:2:2; YCbCr
Video Input	BKG-IN	3G-SDI: 3 Gbps (Level-A/B), HD-SDI: 1.5 Gbps, 75Ω, BNC x 1 (Bi-directional BNC shared with KEY-OUT)
	REFERENCE	75Ω terminated BNC; HDTV Tri-sync/SD Bi-sync (black and burst) SMPTE 240M/274M
Video Output	PROGRAM/FILL	3G-SDI: 3 Gbps (Level-A/B), HD-SDI: 1.5 Gbps, 75Ω, BNC x 1
	PREVIEW/FILL	3G-SDI: 3 Gbps (Level-A/B), HD-SDI: 1.5 Gbps, 75Ω, BNC x 1
	KEY-OUT	3G-SDI: 3 Gbps (Level-A/B), HD-SDI: 1.5 Gbps, 75Ω, BNC x 1 (Bi-directional BNC shared with BKG-IN)
I/O Delay (max)	Input locked to background	1080/23.98p, 1080/24p, 1080/25p, 1080/29.97p, 1080/30p: 36.9 μs 1080/23.98PsF, 1080/24PsF, 1080/25PsF, 1080/29.97PsF, 1080/30PsF: 37.0 μs 1080/50p(Level-A), 1080/59.94p(Level-A), 1080/60p(Level-A) : 17.7 μs 1080/50p(Level-B), 1080/59.94p(Level-B), 1080/60p(Level-B) : 71.2 μs 1080/50i, 1080/59.94i, 1080/60i: 34.5 μs
Video Mixing	Keying	Output FILL & KEY/Self KEY
	Transparency	From 100% to 5% in 0.1% steps
	DSK mode	On: the unit generates Fill and Key outputs for use by a downstream keyer Off: text, graphic and timer elements are keyed over the Background input to generate Preview and Program outputs
	Text background	Size and color selectable
	Text outline	Off/on selectable width (0 to 30 pixels in steps of 1); color and opacity selectable
Main Unit	Interface	LAN: 10/100BASE-TX, RJ-45 x 1
	Temperature/humidity	0°C to 40°C/10% to 90% (no condensation)
	Power	AC 100V-240V (50/60) Hz
	Consumption	6W (at AC100V to 120V AC) 5.69W (AC220V to 240V AC) via 2.1mm ring lock connector
	Dimensions/weight	125.5 (W) x 102.0 (D) x 28.5 (H) mm / 0.410 kg
	Consumables/replacement timing (under constant use at room temperature)	Power unit/approx. 5 years
	Included accessories	Operation manual (CD-ROM), Power unit



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