


**APPLICATION**

- TV stations, production house, small studios, and post production company.
- Any company doing voice over and translation needs to put on characters.
- Schools, churches, and conference rooms.

**PC HARDWARE SUGGESTION**

- MB: Intel 7505/7525/875p chipsets.
- CPU: Intel Pentium 4 - 3.0 GHz or higher for Intel 875p with 800MHz FSB
- MEMORY: 512MB DDR400 or above
- PCI slots: 64 bit PCI 33/66 MHz or PCI-X slots 100/133MHz
- HDD DISK: 80GB / 7200RPM 2MB Buffer or above
- Graphics card: AGP 8X 128MB -DDR Graphics card or above (not Matrox)

**PC SYSTEM REQUIREMENTS FOR CG-100**

Manufacturer Model	Blackmagic Design			
	DeckLink	DeckLink SP	DeckLink Pro	DeckLink Extreme
				
<b>General</b>				
Processing	4:2:2	4:2:2	4:2:2	4:2:2
<b>Video Input</b>				
Component	-	BNC x 3	-	BNC x 3
SDI	1	-	1	BNC x 1
Gen Lock/Reference	-	BNC x 1	BNC x 1	BNC x 1
<b>Video Output</b>				
Composite	-	BNC x 1 (share Y)	BNC x 1 (share Y)	BNC x 1 (share Y)
Component	-	BNC x 3	BNC x 3	BNC x 3
SDI	1	-	BNC x 1	BNC x 1
SDI (Monitor)	1	BNC x 1	BNC x 1	-
<b>Audio Input</b>				
Un-balance	-	-	-	-
Balanced	-	XLR x 2	-	XLR x 2
ASE/EBU	-	-	-	-
SPDIF	-	-	-	-
<b>Audio Output</b>				
Un-balance	-	-	-	-
Balanced	-	XLR x 2	-	XLR x 2
ASE/EBU	-	-	-	-
SPDIF	-	RCA x 1	RCA x 4	RCA x 1
<b>Remote Control</b>				
RS422	Yes	Yes	Yes	Yes
<b>Compatible</b>				
NTSC/PAL	Yes	Yes	Yes	Yes
Window XP	Yes	Yes	Yes	Yes

**THE FIRST AFFORDABLE SDI CG SOLUTION  
LIVE SDI TITLE / GRAPHIC / LOGO OVERLAY**



CG-100



**SDI DeckLink Card**

CG-100 compatible with Blackmagic Design Decklink, Decklink SP, Decklink Pro, and Decklink Extreme cards.

www.blackmagic-design.com

**SE-800**

CG-100 can be used in any SDI or YUV input switchers. It can be also used in SE-800 via SDI text overlay interfaces.



**FEATURES**

- Image objects may be imported as graphics and stored as part of the page.
- Simple shapes (bars, ellipses and rectangles) are menu items and may be added to the page.
- Animation objects can Wipe, Push and Fade in various directions at different speeds.
- Text can roll and crawl.
- Supports Windows Unicode for multi-language inputs
- Redo/Undo functions for quick testing of an additional effect.
- Live editing mode provides a great flexibility to immediately alter other CG pages while one CG page is on the fly.
- Quick CG Text Editor allows navigation from page to page to modify text in a very productive way.
- Stand-alone logo display function.
- Nine clipboard spaces can store and be retrieved CG combinations from different pages and files.
- Group function makes CG combinations easy to be edited.
- SDI & YUV available.

SDI overlay offers the best, broadcast quality, CG solution in the industry today. However, it has always been beyond the budget of small studios and production houses - The Datavideo CG-100 has changed that!

The CG-100 combines with a Blackmagic Design Decklink Card to bring you live SDI CG overlay at an affordable price. It supports NTSC and PAL video standards and is able to generate graphics for 16:9 or 4:3 aspect ratios. Pages can be composed and combined with animation effects, to run as a sequence, or they can be displayed and edited live. The CG-100 combines perfectly with the SE-800 to give superb quality graphics / text / logo overlay on live production mixes.