

# SD CHARACTER GENERATOR CG-100



SDI overlay provides broadcast quality computer graphics, but has usually been beyond the budgets of smaller studios and production houses - Datavideo CG-100 changes all that!

The CG-100 software combined with a Blackmagic Design™ DeckLink



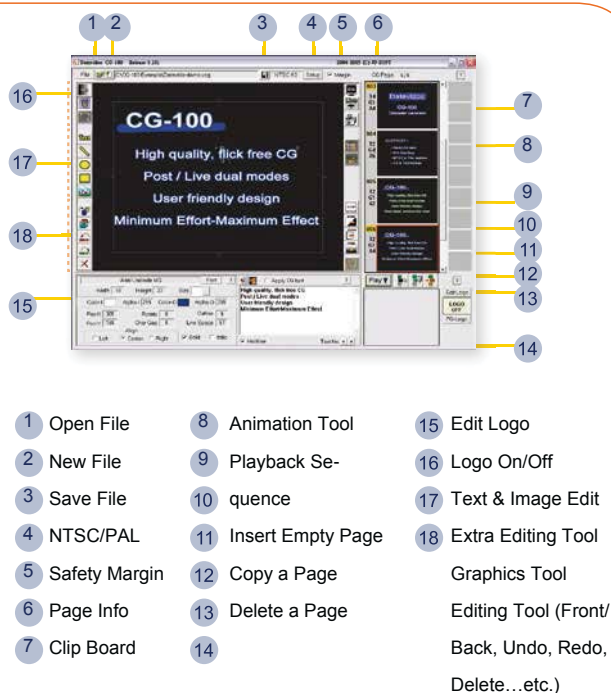
Card™ brings you live SDI graphics overlay at an affordable price. It supports NTSC & PAL and can generate 16:9 or 4:3 graphics.

Pages can be composed and animated prior to the event, provided that the 'dongle' (USB Key) is used in the computer. Simply transfer any generated files and the dongle to the live event computer, containing the Blackmagic card, and run the sequence.



The software is so intuitive that users can easily edit pages during an event. CG-100 combines perfectly with many of Datavideo's switchers and Mobile Video Systems, like the, SE-900 and MS-900 to give superb quality graphics / text / logo overlay on live productions. CG-100 can also be used with other SDI or YUV input switchers (with DeckLink Studio, DeckLink SDI capture cards).

## INTERFACE



## FEATURES

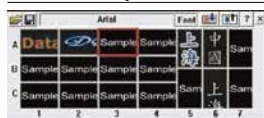
- Image objects can be imported as graphics and stored as part of the page
- Smooth Animations via Targa Sequence
- Animation objects including wipe, push & fade in various directions at different speeds
- Text can roll and crawl
- Support Windows™ unicode for multi-language input
- Redo/undo function for quick testing of an animation
- Support 16:9 or 4:3 aspect ratios & NTSC/ PAL
- Stand-alone logo display function
- Digital Clock Timer
- GPI trigger by external GPI cable, by keyboard and mouse
- Quick and Simple GUI
- Live SDI Overlay Text and animations
- Programmable Multipage Events with transitions

## SYSTEM REQUIREMENTS

- CPU: Pentium 4 2.0 GHz or higher
- Ram: 1 GB or higher
- Required Minimum Disc Space: 15 MB
- Screen Resolution: VGA, XGA
- Network: 10/100 Base T Ethernet card
- OS: Windows™ XP SP2™ or Vista™
- Compatible Blackmagic Design™ I/O Card

## FEATURES

### Text Templates



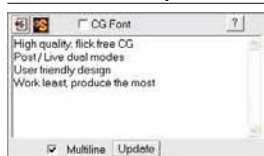
Text templates can be created for frequently used text styles

### Unicode Support



CG-100 supports multi language input

### Multi Line input



Text can be input as multiple lines or imported from .TXT files

### Text/Graphic Editing



Adjustments include Size, Color, Transparency, Border, Spacing, Position & Alignment

### Sequence Play

Pages can be set to run as an automatic sequence



### Dongle

The hardware dongle allow users to work during the creative process, developing pages pre the event, on an "off location" computer. Install the CG-100 software on several computers and move the hardware dongle from the "off location" to the live computer, as required.



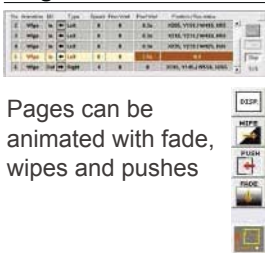
### Live Display



The live button allows pre-edited pages to

be displayed live on air while other pages are being edited

### Page Animations



Pages can be animated with fade, wipes and pushes

### Colour Key



Backgrounds can be removed from imported images by using colour key



### Live Stream



Live stream is a bonus application. It converts a Video input, via an IEEE1394 card, into a streamable video (521Kbps or 312Kbps)

### GPI Trigger



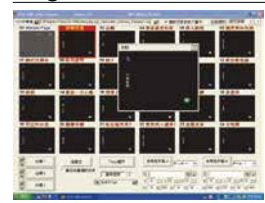
Pages or sequences can be triggered via simple GPI contact closure, or via keyboard CTRL.

### Subtitles



Subtitles can be displayed over graphic lower thirds. Single or dual line tickers can also be easily displayed

### Logo Generator



Logo generator mode allows instant control of up to 3 logos, TARGA sequence, crawling text, graphics and static text. Up to 24 pages can be preset

### Targa Animation / Import



Animated TARGA (.TGA) sequences such as logos can be imported, sized and positioned

### Date/Time/Stopwatch



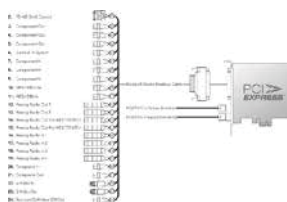
Date & time or stopwatch can be displayed anywhere on the screen

## Blackmagic Design™ I/O Card.

Datavideo CG-100 combine with compatible Blackmagic™ SDI I/O cards to bring you live SDI CG overlay at an affordable price.



DeckLink Studio



DeckLink SDI

[www.blackmagic-design.com](http://www.blackmagic-design.com)

