

## Grass Valley Indigo & Datavideo CG-100 SDI Overlay

Grass Valley Indigo does not feature a DSK (Down Stream Key) I/O, however it is possible to set up a DSK by using one of the SDI inputs and one of the Auxiliary Outputs.

Setting up in this way does not use up either of Indigos internal keys, so it is still possible to have any combination of Dual PiP / Chroma Key / Luma Key.

The Datavideo CG-100 utilises 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 can generate text, date & time / stopwatch, graphics, Logo, Animated Logo (TGA sequence), each component can be independently sized, positioned and controlled. The DeckLink Card in the CG-100 PC does the keying, so Indigo is simply processing the signal in the same way as it would process a normal video feed.

The DeckLink card supports embedded audio, as do the Indigo auxiliary outputs, so the only downside to the set up is that you sacrifice one of the twelve SDI inputs.

This solution is SD, although it is possible within the Indigo HD model to upscale the output to HD as well.

