



Datavideo CG-Pro

ProdCode: DATACGPRO

4K Real-Time Graphics and CG System



[Download Images] (.zip file)

Features

- 4K Real-Time Graphics and CG System
- Works seamlessly with Datavideo switchers
- 4K/HD/SD Graphics Playout
- Broadcast-grade quality
- Unlimited layers & templates
- Built for newsroom workflows

Built for Datavideo Switchers: Laptop HDMI In—Pro CG on PGM On-air in seconds

CG-Pro is a real-time graphics and character generation system designed for fast, reliable live production. It delivers 4K/HD lower-thirds, tickers, clocks, animated logos, and full-frame graphics with polished transitions and an intuitive mixer-style PVW/PGM interface.

Plug-and-play with Datavideo switchers—simply route your laptop's HDMI output into the switcher for instant, professional CG on air, with optional internal/external keying (Key/Fill) when your workflow requires it.

Seamless with Datavideo switchers

Simply route your laptop's HDMI into the switcher for instant, professional CG on-air; supports internal key (video in-out) or external key (Key/Fill).

4K/HD/SD Graphics Playout

4K/HD/SD playout for static/animated graphics, logos, lower-thirds, clocks, countdowns, and crawls/tickers/rolls.

Broadcast-grade quality

10-bit processing with alpha, anti- aliased text, and smooth, interlace- safe transitions (fade/move/zoom/ squeeze).

Unlimited layers & templates

Multi-layer page composer, grouping with timed in/hold/out, and page hotkeys.

Built for newsroom workflows—insert CG in real time and edit on-air without interrupting the show.

Push lower-thirds, tickers, and full-frame graphics on the fly with zero downtime. Live Editing updates go straight to air, with MOS/NRCS integration and Excel/RSS data feeds to keep information timely and accurate.

Live-friendly UI

Mixer-style PVW/PGM control, customizable/dockable panels, and four control layouts.

Wide media support

Image sequences (TGA/PNG/TIF...), GIF; codecs incl. ProRes/DNxHD/H.264/H.265/AV1; containers MOV/MP4/MXF/ AVI/WebM, with auto up/down-scale.

Data-driven graphics

Ingest TXT/CSV/RSS/Excel/XML; updates publish on-air instantly while preserving fonts, colors, alignment, hyperlinks, and formulas.

Newsroom & automation

MOS (NRCS) support, REST API, GPI, RS- 232/MOXa, custom hotkeys, and Elgato Stream Deck layouts.

Flexible I/O & keying

SDI/HDMI/NDI output; internal or external keying (Key/Fill). External key mode supports embedded audio.

