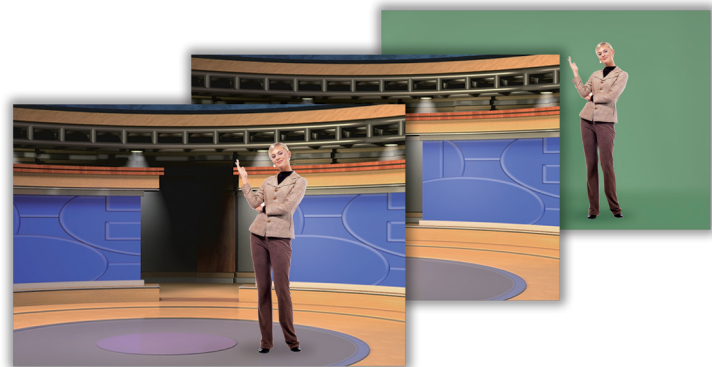


HD/SD Chromakey DVK-300HD



Foreground and Background status indicator

A real-time HD Chroma key and Luma key solution for any live virtual productions.

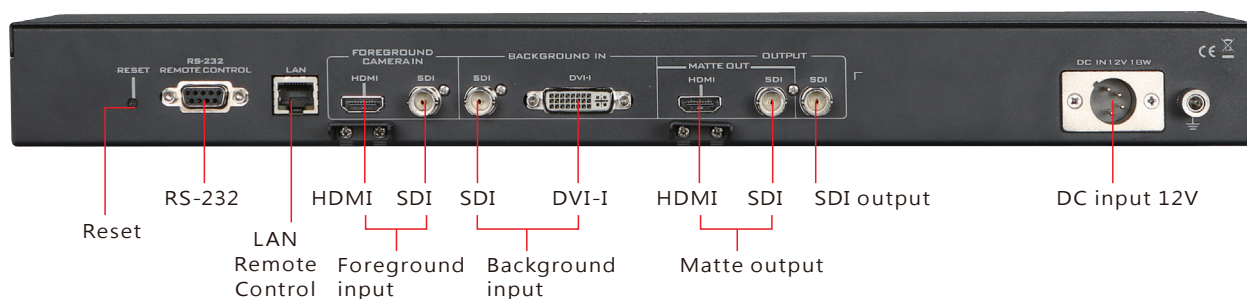
DVK-300HD is an advanced HD/SD chroma key device. It is easy to operate, and delivers excellent results with minimal user input required.

The device can be controlled locally using a directly attached laptop or remotely over an IP network.

FEATURES

- Support 3G-SDI / 1080P
- Easy operation and control via LAN connection to laptop
- Key noise reduction
- Color spill processing
- Edge control (brightness)
- Post processing – correction of picture parameters (brightness, contrast, saturation) applied on foreground signal after keying processing
- Foreground supports 3G-SDI ,HD/SD SDI , HDMI (1.4)
- Background supports 3G-SDI . HD/SD SDI, DVI-I
- Main output can be 2 SDI output simultaneously and HDMI output
- Matte control to adjust black and white level for a precise chroma key setting or delete the reflective color from foreground
- 1U and 19" rack mount design

REAR PANEL



FUNCTIONS

Key edge size adjustment

Adjusts the background keying area range: Before (left side) and after (right side).



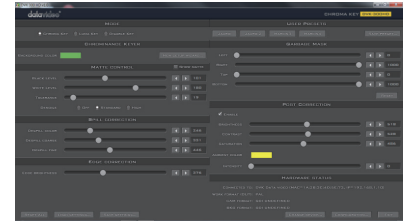
Remove reflective color from foreground

Avoid color spill and reflections from the green / blue screen



Laptop utility control and operation

Very easy to operate GUI



Shrink & Matte

Left: (before) an ugly black outline spoils the image; right the model is more naturally rendered against the background.

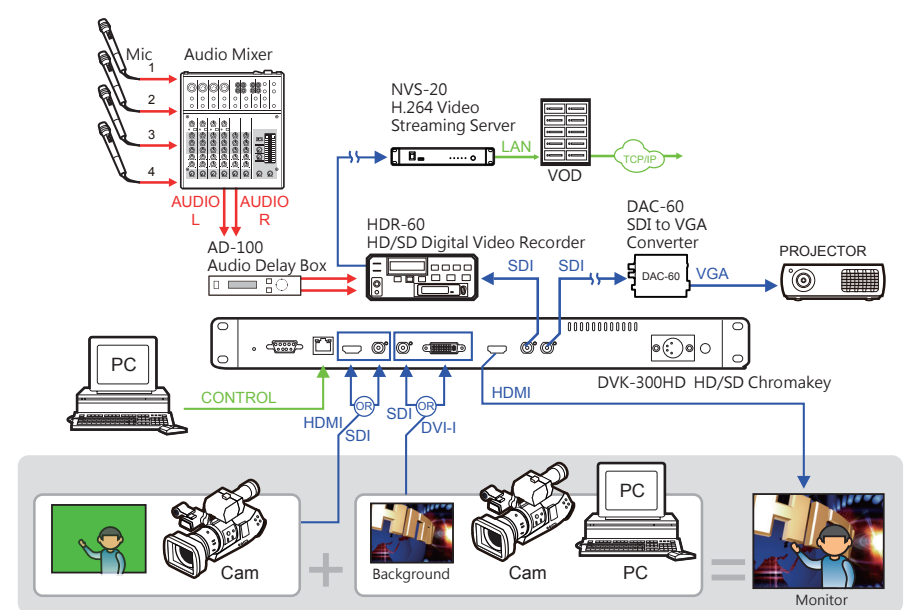


Transparent and Solid adjustment

Adjusts the object transparent level



SETUP DIAGRAM



SPECIFICATION

Input Interface	Video Camera	1 x BNC connector, 75 Ohm up to 3 GB/s SDI input 1 x HDMI v1.4 connector	Background input	SDI Formats: 576i, 480i (SMPTE 259M-C) 1080i (50/59.94/60) 720p (50/59.94/60) 1080p (25/30) (SMPTE 292M) 1080 (50/59.94/60) (SMPTE 425M)
	Video Background	1 x BNC connector, 75 Ohm up to 3 GB/s SDI input 1 x DVI-I connector for HDMI/DVI/VGA input		
Output interface	Audio	N/A	Audio	N/A
	Video PGM	1 x BNC connector, 75 Ohm for SDI output		
Signal Format	Video PRV	1 x BNC connector, 75 Ohm for SDI output 1 x HDMI v1.4 connector	Remote control interface	LAN / RJ-45 port for PC control and Firmware upgrade RS-232 for PC control (via forthcoming upgrade)
	Audio	N/A		

• Preliminary information for IBC 2013. Specifications can be changed without prior notice.



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