

# 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.

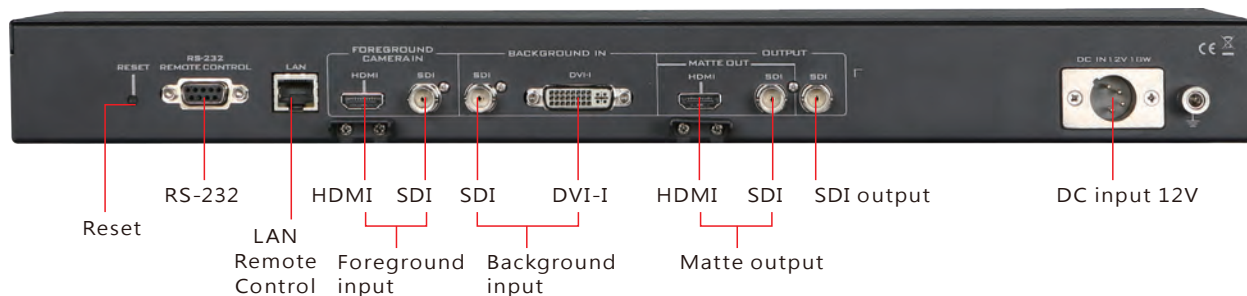
DVK-300HD is an advanced HD/SD chroma key device. It is easy to operate, and delivers excellent results with minimal user input required.

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).



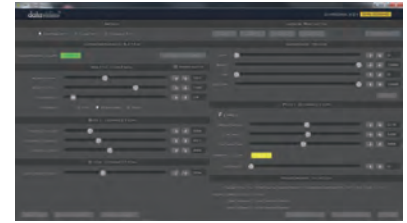
**Remove reflective color from foreground**

Avoid color spill and reflections from the green / blue screen



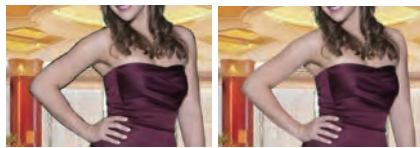
**Laptop utility control and operation**

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.

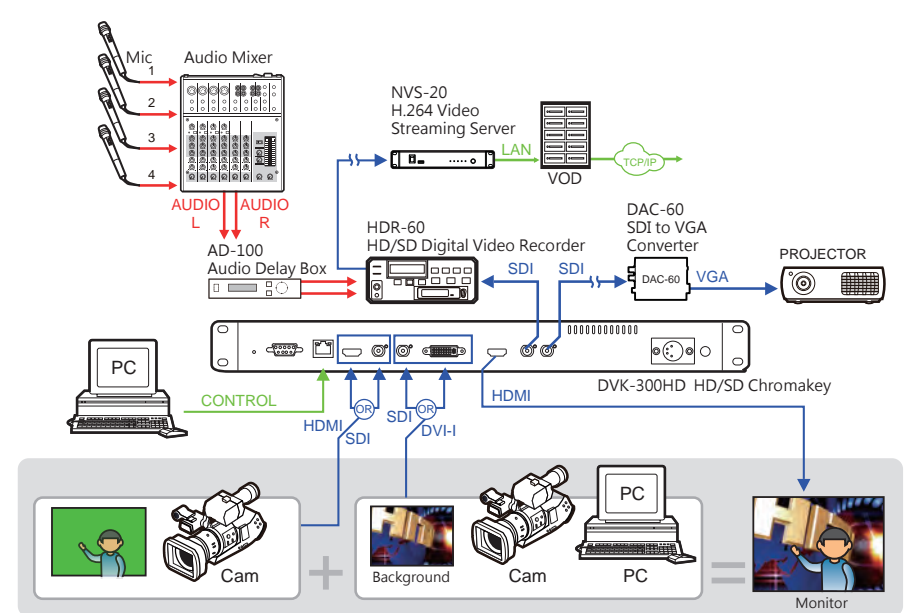


**Transparent and Solid adjustment**

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	<b>SDI Formats:</b> 576i, 480i (SMPTE 259M-C) 1080i (50/59.94/60) 720p (50/59.94/60) 1080p (25/30) (SMPTE 292M) 1080p (50/59.94/60) (SMPTE 425M) <b>HDMI Formats:</b> •480i, 576i •720p (50/59.94/60) •1080i (50/59.94/60) •1080p (25/30/50/59.94/60)
	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		Remote control interface
Signal Format	Video PRV	1 x BNC connector, 75 Ohm for SDI output 1 x HDMI v1.4 connector		
		Audio	N/A	
	Camera input	<b>SDI Formats:</b> 576i, 480i (SMPTE 259M-C) 1080i (50/59.94/60) 720p (50/59.94/60) 1080p (25/30) (SMPTE 292M) 1080p (50/59.94/60) (SMPTE 425M) <b>HDMI Formats:</b> •480i, 576i •720p (50/59.94/60) •1080i (50/59.94/60) •1080p (25/30/50/59.94/60)		

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



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