

Green Screen Video Production Checklist

Sanyo High Definition Camcorder – \$349.95

Sanyo's Xacti VPC-HD1010 High Definition Camcorder (Black) records video in both 1080p (30fps) and 1080i (60fps) high definition straight to SD/SDHC memory cards. This ergonomically designed camera fits comfortably in your hand while you capture up to an hour of video on a single 8GB memory card. The 1/25" CMOS sensor records rich, true-to-life video while the 2.7" widescreen LCD display rotates up to 285° for hard to capture shots and easy viewing upon playback. The HD1010 also boasts 10x optical zoom, 4Mp still image capture, Face Detection and Face Chaser technologies.

http://www.bhphotovideo.com/c/product/569230-REG/Sanyo_VPC_HD1010BK_Xacti_VPC_HD1010_High_Definition.html

Botero Chroma Key Green Background - \$129.95

Botero #000 Muslin Background (5x6', White)

http://www.bhphotovideo.com/c/product/302984-REG/Botero_SC026816_026_Super_Collapsible_Background.html

Smith-Victor Lighting Kit: 4 Photo Flood Lighting Kit – \$459.00

The **Smith Victor K84 Photo Flood Kit** is a 4 light kit, with a combination of 2 basic models of flood lights. The A80 is a combination of bright, smooth light, cool operation and an easy-to-use design. It features an 8" reflector, durable porcelain socket, and uses medium screw based photoflood bulbs. It emits a flat, 100° beam spread. The A5 Adapta-Light is a small, accent or fill flood light with a 5" reflector.

http://www.bhphotovideo.com/c/product/439001-REG/Smith_Victor_401465_K84_4_Photo_Flood.html

Shure Lavalier Microphone System – \$299.00 (Comparable to system owned by UCO)

From **Shure**, the **PG Series** wireless microphone systems provide reliable, cost-effective wireless microphone technology without sacrificing quality. The system features UHF wireless technology with up to 8 user selectable frequencies. This system is configured with the PG4 receiver, PG1 body-pack transmitter and PG185 lavalier microphone.

http://www.bhphotovideo.com/c/product/431933-REG/Shure_PG14_PG185_H7_PG_Series_Wireless_Lavalier.html

Boris FX Chroma Key Software – \$299.00

This software is used to remove the “green” from the video background.

http://www.borisfx.com/units/chroma_key.php

SanDisk 16GB Video HD SDHC Memory Card (2) – \$67.50ea

The High-performance **SanDisk 16GB Video HD SDHC Memory Card** is optimized with fast speed and high capacity to record HD videos, so you can get the most from your flash-based HD camcorder. Capture and store beautiful, detailed video content with the flexibility to record at multiple levels of quality, up to and including HD video, or at your camcorder's highest setting, and the capacity to let you keep recording memories as needed. The card includes a jewel case and labels to let you easily label and organize all your video content so you can create your very own digital video library. Overall, the SanDisk Video HD SDHC Memory Card is a high-quality video memory card that you can trust with your precious, beautiful and detailed memories.

Approximate Recording Time for 16GB Video HD SDHC Memory Card*

13Mbps HD High	-- 160 minutes
9Mbps HD Standard	-- 240 minutes
6Mbps HD Extended	-- 320 minutes

http://www.bhphotovideo.com/c/product/573894-REG/SanDisk_SDSDHV_016G_A15_16GB_Video_HD_SDHC.html#accessories

Slik 700DX Pro Tripod Legs –\$99.95

Using a "Tri-Titanium" aerospace alloy comprised of aluminum, magnesium, and titanium, the **Slik 700DX Pro Tripod Legs** has a strength-to-weight ratio 40% greater than comparable tripods in its class. It is a very professional unit whether you're concerned with strength, fit and finish, or refinement of operation. The rapid-type center column cannot rotate accidentally, and the lever locks work securely with a minimum of movement. The 700DX has foam-padded upper segments to ease carrying on your shoulder and working in the cold, and its simple angled rubber leg tips give a firm footing while also allowing you to carry it upon some aircraft.

http://www.bhphotovideo.com/c/product/557127-REG/Slik_615_317_700DX_Pro_Tripod_Legs.html#features

Green Screen on a Shoestring (2010)
Dodd & Gillmore

Room Rental – \$70.00

Need a room large enough for equipment and production team to work comfortably.

Cables - \$50.00 – \$80.00

Need cables to connect the wireless microphone system with the camera and enough extension cords to connect all the lights.

Laptop Computer - \$800.00 apx

Need a laptop computer with PowerPoint installed to display a script for the talent.

Time Estimates

Basic production that includes very little programming or encoding – For every 1 minute of finished content expect 10-15 minutes of development time.

Advanced production including cue point encoding or programming – For every 1 minute of finished content expect 20-25 minutes of development time. (This estimate is just for video content and does not take into account any custom application development that needs to be completed.)

*estimates are based on a talent being well rehearsed and accustomed to the process and the video production is focused for web delivery.

Additional Resources

For additional resources concerning this topic, visit:

<http://cpdeconnect.pbworks.com/Online+Forum+-+Green+Screen>