



INCLUDES
FIRMWARE
UPDATE
COMING
SOON!

CANON DP-V3010 4K REFERENCE DISPLAY

The Canon DP-V3010 4K Reference Display is designed to support image quality reviewing of 4K digital cinema or 4K UHD program material during color-grading, digital intermediate (DI), QC, editorial, CGI/animation/visual effects (VFX) and other post-production workflows. Measuring 30-inches diagonally, the DP-V3010 has an aspect ratio of 16:10 with a full-screen resolution of 4096 x 2560 display pixels. It uses a 10-bit IPS LCD panel supported by a Canon-designed RGB LED backlight system and specially developed high-bit depth image processing engine. Outstanding picture sharpness, High Dynamic Range, and a wide DCI-P3 compliant

color gamut facilitate exacting evaluation of this content. Users also can verify UHD video footage captured in the ITU-R BT.2020 color gamut (Rec. 2020) as well as make use of the ACESproxy transfer standard for the ACES (Academy Color Encoding System) color management standard. Uniform brightness across the entire screen, a DCI compliant contrast ratio of 2000:1, and exceptionally wide angle viewing supports collaborative creativity among a number of viewers. The newest firmware upgrade that will be released in November 2015 will support High Dynamic Range display mode and ACESproxy (ACES 1.0) as next generation functions.

KEY FEATURES

- Compatible with 4K Digital Cinema
- Compatible with 4K UHD Video Workflows
- DCI Compliant Color and Contrast Ratio
- ITU-R BT.2020 Color Gamut Support
- HDR Display
- Deep and Accurate Black Levels
- Upscaling 2K/HD Content for 4K Portrayal
- Backlight Scanning
- Consistent Color Image Quality
- ACESproxy (ACES 1.0)* and ACS CDL Support
- 1D/3D LUT Import Support
- Cinema EOS Canon Log/Canon Log 2* Gamma Support
- Multiple Signal Input Formats Including YCbCr 444

DP-V3010 4K REFERENCE DISPLAY

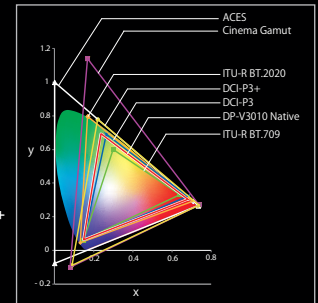
PRODUCT NAME: DP-V3010	ITEM CODE: 6902B002	UPC CODE: 013803161519
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SPECIFICATIONS

DISPLAY UNIT			
PANEL	PANEL TYPE	IPS LCD Panel	
	SCREEN SIZE	30 inch (76.1 cm)	
	ASPECT RATIO	16:10	
	RESOLUTION	4096 x 2560 (10.5 megapixels)	
	ACTIVE DISPLAY AREA	Approximately 25.4 x 15.9 in. (645.1 x 403.2 mm)	
	PIXEL PITCH	157.5 µm	
	PANEL DRIVER	1024 gradations (10-bit for each RGB color)	
IMAGE QUALITY	BRIGHTNESS (STANDARD)	48 cd/m ² (DCI), 100 cd/m ²	
	VIEW ANGLE (UP, DOWN, LEFT, RIGHT)	89° (Contrast ratio 10:1 or higher)	
	SURFACE TREATMENT	Low-Reflection Glare	
GENERAL	BACKLIGHT TYPE	RGB LED, direct down type	
	POWER	RATED VOLTAGE	100 – 240V AC
		RATED FREQUENCY	50/60 Hz
	POWER CONSUMPTION		At maximum load (including change in brightness through aging): Approx. 370 W At factory shipment: Approximately 130 W
	ENVIRONMENTAL CONDITIONS	OPERATING	Temperature and humidity: 41–95°F (5–35°C) / 20–80% RH (no condensation) [Recommended: 59–86°F (15–30°C)] / Pressure: 700–1060 hPa
		STORAGE/TRANSPORTING	Temperature and humidity: –4–104°F (–20–40°C) / 10–85% RH (no condensation) 105–140°F (41–60°C) / 10–40% RH (no condensation) / Pressure: 700–1060 hPa
	DIMENSIONS (W X H X D)		Approx. 27.9 x 18.7 x 7.4 in. (708 x 474 x 189 mm)
	WEIGHT		Approx. 52.8 lb. (24 kg)
INTERFACE	INPUT	3G/HD-SDI	8 (2 systems) BNC (75Ω) receptacle terminal
		DISPLAYPORT	4 (1 system ver.1.1a compliant) DisplayPort interfaces
	OUTPUT	3G/HD-SDI	8 (2 pass-thru systems)
	CONTROL	USB VOLTAGE	1 (USB A Receptacle Terminal) Universal Serial Bus Specification Revision 2.0 Compliant LS (Low Speed)/FS (Full Speed)/HS (High Speed) Mode Compatible
		LAN	1 RJ-45 terminal
SUPPLIED ACCESSORIES	Display Controller, AC Power Cord, Compact Power Adapter, AC Cable, Tip Prevention Fitting, LAN Cable, Rack Mount Bracket, Rack Mount Bracket Screw, Hex Key, Instruction Manual and Instruction Manual Disc		

FAITHFUL COLOR REPRODUCTION

The DP-V3010 supports multiple broadcast standards such as ITU-R BT.709, EBU and SMPTE-C as well as DCI-P3 (SMPTE PR 431-2) digital cinema standard. It also supports Cinema Gamut and DCI-P3+ color gamut, supported by the Cinema EOS System. The DP-V3010 meets the next-generation standards of ITU-R BT.2020 and ACESproxy. Although the ITU-R BT. 2020 color gamut is broader than the native color gamut of the DP-V3010, DP-V3010 optimizes the display of data outside of the native color gamut.



HIGH DYNAMIC RANGE (HDR)*

The new firmware will allow the DP-V3010 to support the ability to display HDR footage captured by Canon's proprietary Canon Log and Canon Log 2 gamma settings, as well as HDR EOTF (Electro-Optical Transfer Function) recommended by the SMPTE ST 2084 standard. The HDR display function allows users to view and confirm the subtle details of underexposed and overexposed areas of displayed images and to compare SDR (Standard Dynamic Range) images with HDR images. This allows users to see the final image quality at the shooting location, providing greater efficiency in the production workflow.

SUPPORT FOR ACESPROXY (ACES 1.0)*

The new firmware will enable the DP-V3010 4K Reference Display to support the latest ACESproxy transfer standard for the ACES (Academy Color Encoding System) color management standard. When used in combination with any camera with ACESproxy output, the DP-V3010 will deliver consistent color reproduction both on-set and during the editing process, contributing to improved workflow efficiency.

DISPLAY CONTROLLER			
GENERAL	POWER	RATED VOLTAGE	100 – 240V AC
		RATED FREQUENCY	50/60 Hz
	POWER CONSUMPTION		At maximum load: Approximately 2 W At factory shipment: Approximately 2 W
	ENVIRONMENTAL CONDITIONS	OPERATING	Temperature and humidity: 41–95°F (5–35°C) / 20–80% RH (no condensation)
		STORAGE/TRANSPORTING	Temperature and humidity: –4–104°F (–20–40°C) / 10–85% RH (no condensation) 105–140°F (41–60°C) / 10–40% RH (no condensation)
	WEIGHT		Approximately 16.2 oz. (460g)
CONTROL	MOUNTING HOLE PITCH		EIA2U standard 3.0 x 18.3 in. (76.2 x 465.9 mm)
	LAN	1 RJ-45 Terminal	

*These functions will be supported by the firmware update being released in November 2015

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