

4k Reference Display

30" 4K professional reference display: an outstanding combination of resolution and colour performance

DP-V3010

come

and

see

INCLUDES
FIRMWARE
UPDATE
COMING
SOON!

4K



CANON DP-V2410 4K REFERENCE DISPLAY

The Canon DP-V3010 4K Reference Display is designed to support image quality reviewing of 4K digital cinema or 4K UHD material during colour-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 a specially developed high-bit depth image processing engine. Outstanding picture sharpness, High Dynamic Range, and a wide DCI-P3 compliant colour gamut facilitate exacting evaluation of this content. Users also can verify UHD video footage captured in the ITU-R BT.2020 colour gamut (Rec. 2020) as well as make use of the ACESproxy transfer standard for the ACES (Academy Colour Encoding System) colour 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.

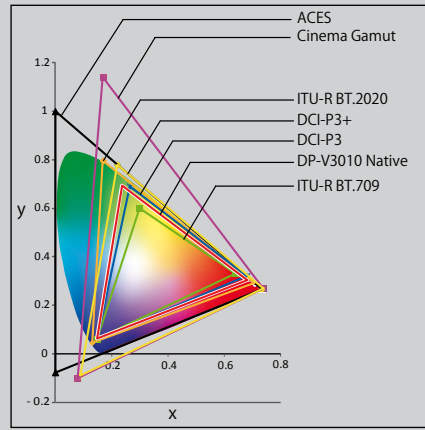
KEY FEATURES

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



FAITHFUL COLOUR 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+ colour 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 colour gamut is broader than the native colour gamut of the DP-V3010, DP-V3010 optimises the display of data outside of the native colour 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 Colour Encoding System) colour management standard. When used in combination with any camera with ACESproxy output, the DP-V3010 will deliver consistent colour reproduction both on-set and during the editing process, contributing to improved workflow efficiency.

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

Specification footnotes:

VESA is the registered trademark of Video Electronics Standards Association in the U.S and other countries. Specifications and exterior are subject to change without notice.

Specification: DP-V3010 4k Reference Display

DISPLAY UNIT

PANEL	
PANEL TYPE	10-bit 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 in x 15.9 in. (645.1 mm 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
POWER CONSUMPTION	RATED FREQUENCY 50/60 Hz
ENVIRONMENTAL CONDITIONS	At maximum load (including change in brightness through aging): Approx. 370 W At factory shipment: Approximately 130 W
DIMENSIONS (W X H X D)	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
WEIGHT	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
MOUNTING HOLE PITCH	Approx. 27.9 in x 18.7 in x 7.4 in. (708 x 474 x 189 mm) Approx. 52.8 lb. (24 kg) VESA Standard 7.9 in x 7.9 in. (200 mm x 200 mm)

INTERFACE

INPUT	3G / HD-SDI DISPLAYPORT 8 (2 systems) BNC (75Ω) receptacle terminal 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
SUPPLIED ACCESSORIES	LAN 1 RJ-45 terminal 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

DISPLAY CONTROLLER


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


Canon Inc.
Canon.com


Canon Europe
canon-europe.com

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Canon Europe Ltd
3 The Square,
Stockley Park,
Uxbridge,
Middlesex
UB11 1ET UK

 /CanonUKLtd

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