

Canon

REFERENCE DISPLAYS

4K **UHD**



CANON REFERENCE DISPLAYS

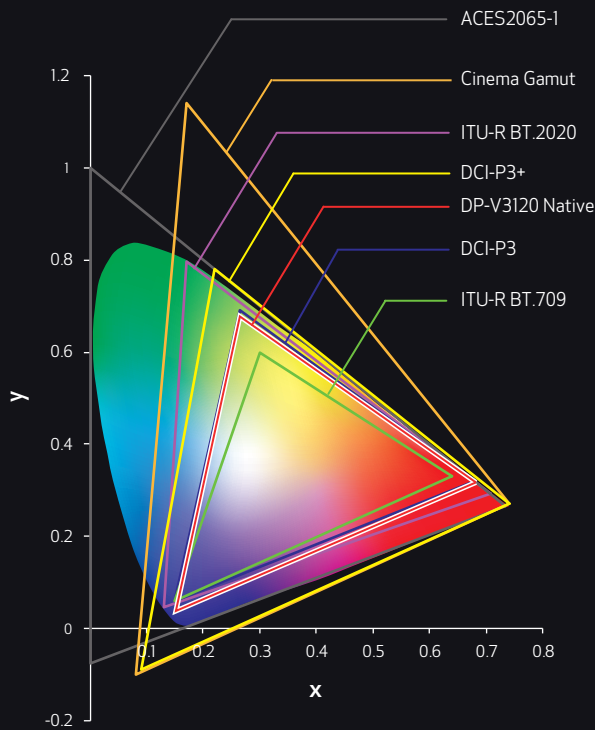
Canon's line of professional reference displays are engineered to provide the highest level of image quality and versatility for demanding professionals in the cinema and broadcast industries.

CORE TECHNOLOGY

Drawing on its 80 years of imaging expertise, optical technology and color science, Canon has produced a display system with core technologies that deliver high accuracy, broad support for industry standards and smooth workflow.

- LED Technology with Local Dimming
- Support for up to 8K Signals
- ACES Support
- Canon RAW Input Support
- Third-party Camera Support
- Dual and Quad View Display
- Self-calibration

Supports Broadcast and Cinema Standards of ITU-R BT.2020 and ACES2065-1



HDR TOOLKIT

Canon Reference Displays feature the built-in HDR Toolkit, which was awarded the Hollywood Professional Association's 2018 Engineering Excellence Award. These tools help to ensure a finished product that delivers beautiful and vivid HDR imagery.



- HDR Metering
- 4K Waveform Monitoring
- Luminance and RGB Values
- Frame Luminance Value
- Dual View and Compare View
- Out-of-Gamut and Over Range View
- Input Signal Information

HDR Toolkit: HDR Metering



Out-of-Gamut enables review of colors shot in the BT.2020 color gamut (colors outside of the display's native gamut).

HDR Toolkit: Dual View and Compare View



HDR Metering shown. Works both with SMPTE 2084 (PQ) and Hybrid Log-Gamma (HLG).

DP-V1711 DP-V1710

UHD REFERENCE DISPLAY

17-inch UHD



- UHD panel (3840 x 2160) capable of showing 4K images
- Peak Luminance*: 300 nits edge-to-edge with HDR variable range adjustment
- Paid firmware upgrade to 600 nits (cd/m²) brightness
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- Light and portable at 17.6 lb. Rack-mountable.
- 6G-SDI or 12G-SDI (depending on model) and HDMI 2.0a inputs

DP-V2421 DP-V2420

4K REFERENCE DISPLAY

24-inch 4K



- Meets Requirements for Dolby Vision™ certified facilities
- True 4K panel (4096 x 2160)
- Peak Luminance*: 1200 nits edge-to-edge with HDR variable range adjustment
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- 3G-SDI or 12G-SDI (depending on model) and HDMI 2.0a inputs
- 8K support (DP-V2421 can display one 8K full screen image (resized to 4K) using quad 12G-SDI inputs

DP-V1830

4K REFERENCE DISPLAY

18.4-inch 4K



- UHD Panel (3840x2160)
- Peak Luminance*: 1000 nits (native) and 400 nits (DP-V2410) edge-to-edge with HDR variable range adjustment
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- Approximately 16.5 lb.
- 12G-SDI (x4), HDMI

DP-V3010

4K REFERENCE DISPLAY

30-inch 4K



- True 4K panel (4096 x 2160)
- Peak Luminance*: 200 nits edge-to-edge with HDR variable range adjustment
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- 3G-SDI and DisplayPort™ (1.1a) input

DP-V2411 DP-V2410

4K REFERENCE DISPLAY

24-inch 4K



- True 4K panel (4096 x 2160)
- Peak Luminance*: 600 nits (boost function to 1000 nits, DP-V2411) and 400 nits (DP-V2410) edge-to-edge with HDR variable range adjustment
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- Approximately 41.8 lb. (DP-V2411) and 26.0 lb. (DP-V2410)
- Can be operated via 12V battery (not included)
- 12G-SDI or 3G-SDI (depending on model) and HDMI 2.0a input

DP-V3120

4K REFERENCE DISPLAY

31-inch 4K



- Exceeds Requirements for Dolby Vision™ certified facilities
- True 4K panel (4096 x 2160)
- Peak Luminance*: 2000 nits edge-to-edge with HDR variable range adjustment
- Support for BT.2100 (PQ, HLG, HLG RGB), ACES2065-1 (ACES 1.0)
- Support for BT.709, DCI-P3, BT.2020, Adobe sRGB and others
- Support for ACESproxy, Canon Log 3, Log 2, Canon Log
- Support for Arri Log-C, Log-C HDR, Panasonic VARICAM and other camera systems
- 12G-SDI and HDMI 2.0a inputs



Canon USA now offers comprehensive color calibration service. This service aims to ensure image fidelity for both SDR and HDR productions and meets industry standard specifications. To learn more, please email: calibration@cusa.canon.com

* "Peak Luminance" means a state in which an image to be the maximum luminance display is displayed. The display image at that time is not necessarily white on the whole screen.

SPECIFICATIONS

Display Unit	DP-V3120	DP-V3010	DP-V2421/2420	DP-V2411/2410	DP-V1830	DP-V1711/1710	
IPS LCD Panel	●	●	●	●	●	●	
Screen Size	31.0 in./ 79.0cm	30 in./ 76.1cm	24 in./ 61.1cm		18.4 inch	17.3 in./ 43.8cm	
Resolution	4096 x 2160 (8.8 Megapixels)	4096 x 2560 (10.5 Megapixels)	4096 x 2160 (8.8 Megapixels)		3840 x 2160 UHD	3840 x 2160 (8.3 Megapixels)	
Panel Driver	10 bit for each RGB color					8 bit for each RGB color	
Viewing Angle (Up, Down, Left, Right)	89 degrees (10:1 contrast ratio or higher)						
Surface Treatment	Anti-glare coating	Low-reflection glare	Anti-glare coating				
Standard Luminance	100 cd/m ²						
Power	100–240 V AC, 50/60 Hz	100–240 V AC, 50/60 Hz		100–240 V AC, 50/60 Hz, DC 24 V Max. 10 A, XLR terminal			
Power Consumption	At maximum load (including change in brightness through aging): Approx. 510 W At factory shipment: Approx. 180 W	At maximum load (including change in brightness through aging): Approx. 370 W At factory shipment: Approx. 130 W	At maximum load (including change in brightness through aging): Approx. 510 W At factory shipment: Approx. 180 W	At maximum load (including change in brightness through aging): Approx. 230 W (DP-V2411) / 210 W (DP-V2410) At factory shipment: Approx. 130 W (DP-V2411) / 160 W (DP-V2410)	At maximum AC load (including change in brightness through aging): Approx. 210 W At maximum DC load (including change in brightness through aging): Approx. 185 W At factory shipment: Approx. 105 W In Standby mode: 0.5 W or less	At maximum load (including change in brightness through aging): Approx. 140 W At factory shipment: Approx. 85 W	
Dimensions (W x H x D)	Including handle: Approx. 29 x 19 x 13 in. (749 x 492 x 335 mm) Display unit only, without protruding parts: Approx. 29 x 19 x 12 in. (749 x 470 x 295 mm)	Approx. 27.9 x 18.7 x 7.4 in. (708 x 474 x 189mm)	With stand: Approx. 23.4 x 15.7 x 9.3 in. (594 x 399 x 235mm) Display unit only, without protruding parts: Approx. 23.4 x 14.9 x 7.7 in. (594 x 378 x 195mm)	With stand: DP-V2411: Approx. 22.7 x 17.2 x 7.1 in. (576 x 437 x 180mm) DP-V2410: Approx. 23.4 x 15.7 x 7.4 in. (594 x 399 x 187mm) Display unit only, without protruding parts: DP-V2411: Approx. 22.7 x 15.2 x 4.1 in. (576 x 387 x 105mm) DP-V2410: Approx. 23.4 x 14.9 x 4.2 in. (594 x 378 x 106mm)	Including stands and handle: Approx. 17.4 x 14.6 x 7.1 in. (443 x 372 x 180mm) Main unit only, without protrusions: Approx. 17.4 x 12.2 x 5.1 in. (443 x 310 x 130mm)	With stand and handle: Approx. 17.1 x 14.0 x 7.6 in. (435 x 356 x 194mm) Display unit only, without protruding parts: Approx. 17.1 x 12.1 x 6.1 in. (435 x 308 x 154mm)	
Weight	Approx. 68 lb. / 31kg	Approx. 52.8 lb. / 24kg	Approx. 41.8 lb. / 19kg	Approx. 26.4 lb. / 12kg	Approx. 16.5 lb. / 7.4kg	Approx. 17.6 lb. / 8kg	
Mounting Hole Pitch	VESA™ standard 200 x 200mm (7.9 x 7.9 in.)	VESA™ standard 200 x 200mm (7.9 x 7.9 in.)	VESA™ standard 200 x 100mm (7.9 x 3.9 in.)	VESA™ standard 100 x 100mm (3.9 x 3.9 in.)			
Operating Conditions	Temperature and humidity: 41–95°F (5–35°C) (20–85% RH no condensation) Recommended: 59–86°F (15–30°C)			Temperature and humidity: 32–104°F (0–40°C) (20–85 % RH no condensation), Recommended: 59–86°F (15–30°C)			
Side-by-side Viewing	●	-	●	●	●	●	
HDR Metering	●	-	●	●	●	●	
Rec. 709 Gamut Mode	●	●	●	●	●	●	
Debayer	●	-	●	●	●	●	
Camera Link-up	●	●	●	●	●	●	
LAN Control	●	●	●	●	●	●	
Battery Operation	-	-	-	●	●	●	
ACES 1.0 Support	●	●	●	●	●	●	
HDR: PQ and HLG	●	●	●	●	●	●	
Import ID and 3D LUTS through USB Terminal	●	●	●	●	●	●	
Input Interface	12G/3G/HD/SD-SDI (BNC) (75) x 4 (1 System) HDMI (HDCP 2.2 compliant), USB Type A, RJ-45	3G/HD-SDI (BNC) (75) x 8 (2 System), DisplayPort™ x 4 (1 System) (Ver.1.1a), USB Type A, RJ-45	12G (DP-V2421)/3G/HD/SD-SDI (BNC) (75) x 4 (1 System), HDMI (HDCP 2.2 compliant), USB Type A, RJ-45	12G (DP-V2411)/6G (DP-V2411)/3G/HD/SD-SDI (BNC) (75) x 4 (1 System), HDMI (HDCP 2.2 compliant), USB Type A, RJ-45	12G/6G/3G/HD/SD-SDI (BNC) (75) x 4 (1 System), HDMI (HDCP 2.2 compliant), USB Type A, RJ-45	12G (DP-V1711)/6G/3G/HD/SD-SDI (BNC) (75) x 4 (1 System), HDMI (HDCP 2.2 compliant), USB Type A, RJ-45	
Output Interface	4 (1 pass-thru system) 1 stereo mini jack (3.5mm)		8 (2 pass-thru systems)				4 (1 pass-thru system), 1 stereo mini jack (3.5mm)



Certain images and effects simulated. Specifications and availability are subject to change without notice. Weight and dimensions are approximate. Not responsible for typographical errors.

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Use of genuine Canon accessories is recommended; these products are designed to perform optimally when used with genuine Canon accessories.



Canon U.S.A., Inc.
One Canon Park
Melville, NY 11747 U.S.A.

Canon Burbank
3400 West Olive Avenue
Suite 250
Burbank, CA 91505 U.S.A.

pro.usa.canon.com/support
display@cusa.canon.com
1-855-4K-CANON (1-855-452-2666)

For more info:
pro.usa.canon.com
@CanonUSApro
@CanonUSA
@CanonUSAprovideo
@CanonUSA