Optoma
Experience more

CINEMA X | P2

Smart 4K UHD All-in-One Home Entertainment System

LASER — Bright 3,000 lumens laser light source with 2,000,000:1 contrast ratio

DLP TEXAS INSTRUMENTS — RGBRGB Color Wheel for Rich Cinematic Color and Stunning HDR

DOLBY AUDIO — Dolby Digital and Dolby Digital Plus passthrough via HDMI ARC or S/PDIF

Transform your living room into an incredible home cinema with the 3,000 lumens, ultra short throw Optoma CinemaX P2 Smart 4K UHD all-in-one home entertainment system. The laser light source, auto focus, high-performance glass lens and SmartFIT image alignment system ensure hassle-free setup that easily produces stunning 120-inch projection with rich HDR color.

Premium sound is provided by the integrated Dolby Digital 2.0 soundbar with two full range speakers, two woofers, ported chambers and 40-watts of power, delivering crisp details with superior dialogue clarity. Smart+ technology enable Amazon Alexa, Google Assistant and IFTTT support for easy integration into your smart home while the Android OS with smart TV apps and Optoma Marketplace deliver USB media playback compatibility, Internet streaming services and downloadable apps.

TapCast
Use your mobile device with the TapCast companion app to easily cast images, documents and screen share from supported devices.

Digital Art Exhibit by FRAMED[1]
Bring creative expression to your home. Transform the CinemaX P2 into a digital art canvas that's brought to life by projecting curated artworks from renowned digital artists by FRAMED, a digital art canvas showcasing platform.

Ultra Short Throw
Easy place and play setup.

Works with amazon alexa · works with the Google Assistant · Works with IFTTT

SmartFIT[2]
Image alignment system ensures hassle free setup using a smartphone.

Premium Dolby Digital 2.0 soundbar

- 2x full range aluminum drivers, 2x woofers
- Ported and isolated chambers
- 40 watts of total power

DOLBY AUDIO

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments™ 0.47" 4K UHD ECD DMD
Color Wheel	6 segment RGBRGB
Native Resolution	4K UHD (3840 x 2160)
Maximum Input Resolution	4K (4096 x 2160, 30Hz) 4K UHD (3840 x 2160, 60Hz)
Brightness	3,000 ANSI lumens
Contrast Ratio	2,000,000:1 (Dynamic Black enabled)
Color Gamut Support	REC.709, DCI-P3, REC.2020
HDR (High Dynamic Range)	HDR10 compatible (REC.2020) Picture Modes: Normal, Bright, Detail, Film HDR SIM (simulate HDR effect with non-HDR content)
Video Processing	Upscales WXGA, 720p, 1080p, WUXGA, 1440p up to 4K UHD (3840 x 2160, 60Hz), PureMotion technology
Input Response	67.6ms (4K UHD, 60 Hz) / 67.1ms (1080p, 60Hz) SmartFIT and PureMotion must be disabled for PC and console gaming.
Color Depth	3840 x 2160, 30Hz YUV 4:4:4 / 4:2:2 / 4:2:0 (8 /10 / 12 bit), 3840 x 2160, 60Hz YUV 4:4:4 / YUV 4:2:2 (8bit), YUV 4:2:0 (8 / 10 / 12bit)
Displayable Colors	1.07 billion
Light Source Life*	Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
Light Source Type*	Laser
Projection Method	Front, rear, ceiling mount and table top
Keystone Correction	+5/-10 vertical, ±5° horizontal
Geometry	SmartFIT companion app (Android and iOS) with auto image alignment system
Uniformity	90%
Offset	124% +6%/-2.5%
Aspect Ratio	16:9 (native), 4:3, auto compatible
Throw Ratio	0.25:1
Projection Distance	8"- 16.5" (back of projector to projection surface)
Image Size	85" – 120"
Digital Zoom	0.8 - 2.0x
Audio	Premium Dolby Digital 2.0 soundbar (40W, 2 full range drivers, 2 woofers with ported chambers). 4 Sound Effects (Movie, Music, Sport, Game, Night)
Noise Level	24dB
Remote Control	Bluetooth smart home remote and air mouse
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	Bright: 410W max, 360W typical Eco: 255W max, 225W typical
High Altitude	Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality.

COMPATIBILITY SPECIFICATIONS

USB Media Player Compatibility	Videos: 480p, 720p, 1080p, 1440p, 4K UHD, HDR10, HLG Files: MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS Audio: MP3, AAC, WAV, FLAC 16/24-bit Images: JPEG, BMP, GIF
Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (24/30/50/60Hz), 4K DCI
Video Input Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (24/30/50/60Hz)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and sold separately. Refer to user manual for details.
Vertical Scan Rate	50 ~ 85 Hz (120 Hz for 1080p 3D feature)
Horizontal Scan Rate	15.375 ~ 91.146 KHz
User Controls	Graphic user interface and on-screen menu in 27 languages
I/O Connection Ports	2x HDMI 2.0 (HDCP 2.2, 18Gbps) (HDMI CEC & ARC compatible), 1x HDMI 1.4a (HDCP 1.4) (side), 2x USB 2.0 (rear, for 4K USB media player), USB power (service), Bluetooth audio (input and output)
Control	HDMI-CEC, Smart+ (Amazon Alexa, Google Actions, IFTTT compatible)

1. **USB** (media player)
2. **HDMI 2.0** (ARC)
3. **HDMI 2.0**
4. **Optical S/PDIF**
5. **RJ-45 (LAN)**
6. **Audio out**
7. **USB** (service)
8. **USB** (power)
9. **HDMI 1.4a**
10. Kengsington Lock
11. AC Power
12. Bluetooth remote

SMART FEATURES

Operating System	Android 8.0 with customizable launcher
Video streaming	Available Optoma Marketplace with access to YouTube 4K, Netflix (480p), CNBC, TED TV, NBA TV, CNBC, BBC & more
USB Image & Document Viewer	Office documents (Word, Excel & PowerPoint), PDFs and images Autoplay PDF/PPT: 3, 5, 10, 15 & 20s intervals
Smart Home Features	Amazon Alexa, Google Assistant & IFTTT
SmartFIT	iOS (App Store) & Android (Play Store & Amazon Appstore)
Amazon Alexa Smart Home Skill	**Commands:** power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over)
Amazon Alexa Custom Skill	**Commands:** change display mode, HDR picture mode, PureMotion setting
Alexa AV Gear Region Support	United States - English, Canada
Google Assistant Actions	**Commands:** power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over), change display mode, HDR picture mode, PureMotion setting
Google Assistant Region Support	All regions - English only

NETWORK CONNECTIVITY

Wi-Fi	802.11ac (dual-band, 2x2)
Wi-Fi security	WEP, TKIP, AES, WPA, WPA2
Bluetooth	Bluetooth 4.0, BT Audio output & input
Firmware	OTA updates via Wi-Fi or ethernet

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	24.25 lbs
Dimensions (W x H x D)	22.1" x 5.1" x 15"
Recommended furniture height	13" - 18" (124% offset)

Warranty

2 Year parts and labor limited warranty on the projector, 5-year or 12,000 hour light source warranty (whichever comes first)

What's in the Box

CinemaX P2 projector, distance cards, quick start user manual, Bluetooth smart home remote with Airmouse (rechargeable), power cable

Accessories

Bluetooth smart home remote with Airmouse (replacement): BR-3074R
CinemaX P2 distance cards (replacement): BD-25120
4K UHD Casting and mirroring adapter: UHDCast Pro

UPC 796435 81 371 0