

H190X

Bright 720p Projector



Features

- Luminous HD compatible projection with 3,900 lumens and 30,000:1 contrast ratio
- HDMI, VGA and composite connectivity
- Up to 15,000-hour lamp life
- Vertical keystone for easy positioning
- Integrated 10-watt speaker



Big screen HD compatible entertainment projector

Project stunning images at any time of the day with the bright, 3,900 lumens, HD compatible, Optoma H190X. The compact form factor, 1.55 - 1.73:1 throw ratio, 1.1x zoom and 30,000:1 contrast ratio provides flexible setup for easy enjoyment of live sports, gaming, and movies at image sizes up to 300 inches.

Robust input options, including HDMI, VGA and composite enable connectivity to the latest and legacy video sources for gaming and media consumption. A 15,000-hour lamp life enables many years of use with minimal maintenance for lower total cost of ownership.



H190X



TECHNICAL SPECIFICATIONS

Aspect Ratio	16:9 (Video Source), 16:10 (PC Source), 4:3
Audio	10W speaker
Brightness	3,900 ANSI lumens
Connections	1 x HDMI v1.4a, 1 x VGA, 1 x composite, 1 x audio-in, 1 x USB-A (5v / 1.0 amp), 1 x VGA, 1 x audio-out, 1 x RS232
Contrast Ratio	30,000:1
Display Technology	Texas Instruments 0.65" WXGA DMD
Displayable Colors	1.07 billion
Keystone Correction	± 40° Vertical
Light Source Type	203W
Light Source Life	15,000/12,000/10,000/6,000 (Eco+/Dynamic/Eco/Bright)
Lens Shift	None
Maximum Resolution	WUXGA (1920 x 1200)
Native Resolution	720p (WXGA)
Noise Level	27dB
Offset	115% ± 5%
On-Screen Display	Complete on-screen menu adjustments in 26 languages
Operating Temperature	Sea Level to 10,000 feet (@73°F); must manually switch to high-altitude mode at 5,000 feet & above
Power Consumption	200W Normal (Bright), 160W Standard (ECO), ≥58W Dynamic Mode, 203W (max)
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Projection Distance	3.9' - 45.9' (without zoom)
Projection Lens	F=2.41~2.53, F=21.85~24 mm
Projection Screen Size	29.7" - 300.7"
Remote Control	IR remote control
Resolution	720p (Video Source), WXGA (PC Source)
Throw Ratio	1.55 - 1.73:1

Uniformity	75%
Zoom Type	1.1x Manual

COMPATIBILITY SPECIFICATIONS

3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60, Frame-pack: 1080p24, 720p50 / 60, Over-Under: 1080p24, 720p50 / 60
Computer Compatibility	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac
Horizontal Scan Rate	15.3 - 91.1kHz
RoHS	Compliant
Vertical Scan Rate	50-85 Hz (120Hz for 3D feature projector)
Video Compatibility	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p)

PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	12.4" x 3.9" x 9.6"
Security	Security bar, Kensington lock, password protection, keypad lock
Weight	6.7 lbs.

Other

What's in the Box?	H190X, AC power cable, remote control, batteries, quick start user manual
Accessories Part Numbers	4K UHD Casting and Mirror Dongle: UHDCast Pro, Carrying case: BK-4028, Lamp (replacement): BL-FU200D, Remote (replacement): BR-3079N, Universal ceiling mount: BM-5001U
UPC	796435813956
Warranty Info	1-Year parts and labor limited warranty on the projector, 90 days lamp warranty

*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

† 3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.

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