LV-X420

XGA resolution, bright image reproduction and low-cost operation - all in a light, compact form.

Everything you need in a portable projector, and more. With DLP™ technology, native XGA resolution, and an intense 10,000:1 contrast ratio, the Canon LV-X420 offers supreme performance while remaining light and easy to transport.

- Lightweight and supremely portable, thanks to its compact 3.4-kg body
- Native XGA (1024 x 768) resolution, delivering a 4:3 aspect ratio
- Superb image accuracy thanks to DLP™ technology
- Punchy, bold images delivered by 4,200-lumen brightness rating
- Cavernous blacks and rich colours ensured by 10,000:1 contrast ratio (full on/full off)
- MHL-equipment compatible via HDMI port, with RJ-45 Network connection too
- Capable of delivering screen sizes from 30-260 inches
- Vertical and horizontal keystone correction range (+/- 30°)
- Up to 3,000 -hour lamp life (when used in Eco mode)
- Cost-effective economical operation, with low power consumption

Product Range

LV-HD420

LV-WX320

LV-X420

LV-HD420
LV-WX320
LV-X420
LV-X320

Technical Specifications

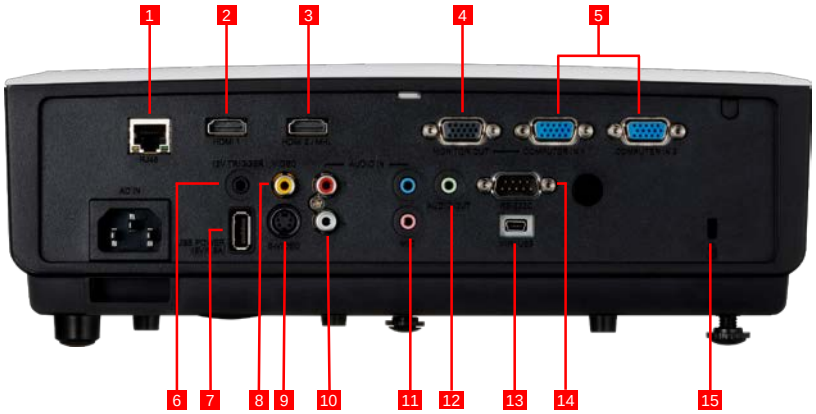
LV-X420

PANEL	
Type	1-Chip DLP
Size and Number	0.55" diagonal x 1
Aspect Ratio	4:3
Native Resolution	1024 x 768 (XGA), 786,423 pixels
OPTICS	
Lamp Type	310W Super High Pressure Mercury Lamp
Lens F Number and Focal Length	F2.42 – F2.97; f=20.7 – 31.1mm
Zoom Magnification and Control	1.5x Manual
Focus Control	Manual
Lens Shift	Vertical: 64%, Fixed
Lamp Life	2500 (normal), 3000 (Eco)
IMAGE AND AUDIO	
Brightness	4200 lumens / 3360 lumens
Brightness Uniformity	80%
Contrast Ratio	10,000:1 (full on / full off)
Projection Distance Coverage	1.2m – 10m
Screen Size	30" - 260" (61 x 46cm - 528 x 396cm)
Projection Ratio	1.39 - 2.09:1
Digital Zoom Magnification	2x
Keystone Correction Range	Vertical: +/-30° Horizontal: +/-30°
Digital RGB Compatibility	WUXGA / UXGA / WXGA+ / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Analogue RGB Compatibility	WUXGA / WSXGA+ / UXGA / WXGA+ / WXGA / SXGA+ / SXGA / XGA / SVGA / VGA / MAC
Digital Video Scan Systems	1080p / 1080i / 720p / 576p / 480p
MHL Input	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
Component Video Scan Systems	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
Video / S-Video Colour Systems	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM
Aspect ratio	Fill / 4:3 / 16:9 / Letter Box / Real / 2.35:1
3D content	HDMI using DLP-Link: Frame Sequential/Frame Packing/ Top-Bottom/Side-By-Side

Image Modes	Standard / Presentation / Movie / sRGB / User
Built-in Speaker	10W RMS, Monaural
PORTS AND CONNECTORS	
Digital RGB / Digital Video	HDMI™
MHL	MHL Input
Analogue RGB Input 1	Mini D-Sub 15-pin
Analogue RGB Input 2	Mini D-Sub 15-pin
Composite Video	RCA
S Video input	Mini-Din4
Monitor out	Mini D-sub 15-pin
Audio Input 1	3.5mm stereo mini-jack
Audio Input 2	3.5mm stereo mini-jack
Mic Input	3.5mm mini-jack (only mic or audio input 2 can be enabled)
Audio Output	3.5mm stereo mini-jack (variable level)
USB Port	Power supply terminal (1.5A) Type A
USB Port	Service port USB Type B
Projector Control	RS-232C Mini D-Sub 9-pin
LAN Network Port	RJ-45 (100BASE-TX / 10BASE-T)
MECHANISMS	
Elevation Mechanism	One front, one rear rotary feet, 3° maximum image elevation
RATINGS	
Dimensions (W x H x D)	314mm x 112mm x 231mm (Including protrusions)
Weight	3.4kg
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	Normal Mode: 410W / Eco Mode: 320W / Standby: 2W / Standby (LAN off): 0.5W
Noise Level	Normal Mode: 40dB / Eco Mode: 36dB
Operating Environment	5°C to +40°C (RH: 10-85%)
Warranty	3 years

Footnotes

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.



1. LAN (RJ-45)
2. HDMI 1
3. HDMI 2 / MHL
4. Monitor out Mini D-sub 15-pin
5. Analog PC Mini D-sub 15-pin
6. 12v output (trigger for screen)
7. USB type A power supply
8. Composite video input
9. S video input Mini DIN-4
10. Audio L/R input
11. Audio input / Mic input*
12. Audio output
13. USB Type B service port
14. RS-232C Mini D-sub 9-pin
15. Antitheft lock

*either audio or mic can be enabled

Throw distance table

Image size 4:3	**Diagonal (inch)**	30	40	60	80	100	120	140	160	170	180	200	220	240	260
	Width (cm)	61	81	122	163	203	244	284	325	345	366	406	447	488	528
	Height (cm)	46	61	91	122	152	183	213	244	249	274	305	335	366	396
Distance	**Wide (m)**		1.49	2.23	2.97	3.72	4.46	5.21	5.95	6.32	6.69	7.44	8.18	8.92	9.67
	Tele (m)	1.68	2.24	3.35	4.47	5.59	6.71	7.82	8.94	9.5					

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Sales Start Date: May 17

Product Details:

Product Name	Mercury Code	EAN Code
Multimedia Projector LV-X420 (E)	1906C003AA	4549292089608
Multimedia Projector LV-X420 (GB)	1906C005AA	8714574648941

Optional Accessories:

Product Name	Mercury Code	EAN Code
Lamp Assembly LV-LP42	1907C001AA	4549292091960
Remote Controller LV-RC11	2137C001AA	4549292092042

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
Multimedia Projector LV-X420 (E)	1906C003AA	EA	Each	1	231	314	112	Approx. 3.2	
Multimedia Projector LV-X420 (GB)	1906C005AA	CT	Carton	1	304	193	378		Approx. 3.3

What's in the box?

- Remote Control Unit: LV-RC11
- Lithium Coin Battery, type CR2025 x 1
- AC Mains Power Cable
- VGA to VGA Computer Connection Cable, 1.8 m
- User manual (CD Rom)
- Warranty Card
- Important Information Document