![Canon - SEE IMPOSSIBLE]

PORTABLE FIXED LENS DLP PROJECTORS

LV-HD420
LV-X420

MARKETS/APPLICATIONS RECOMMENDED FOR:

- K-12 Education
- Higher Education
- Corporate
- Small Business
- Retail Display

FULL HD 1920x1080

HDMI ✱**MHL**

HIGH-BRIGHTNESS AND CONVENIENCE.

The LV-HD420 and LV-X420 DLP Projectors are compact models that offer high-brightness with 4200 lumens, and a high contrast ratio. Resolutions available include 1080p and XGA to suit a variety of user requirements. Impressive image quality adjustment features as well as the BrilliantColor™ system, and with 6-color wheel, ensure realistic and rich colors with enhanced brightness in business presentation and classroom environments. Inputs include dual HDMI Inputs and MHL.

KEY FEATURES

- Resolution
  - LV-HD420: 1080P (1920 x 1080)
  - LV-X420: XGA (1024 x 768)
- Contrast Ratio:
  - LV-HD420: up to 8,000:1
  - LV-X420: up to 10,000:1
- Throw Ratio:
  - LV-HD420: 1.83:1 - 2.75:1 [1]
  - LV-X420: 1.39:1 - 2.09:1 [1]
- 4200 Lumens
- DLP Technology with BrilliantColor™ System
- HDMI (x2), MHL
- Filter Free Design Simplifies Maintenance
- 3D Ready
- Network Management
- Compact
- 10W Built-in Speaker

4200 Lumens

With a bright 4200 lumens and easy-to-transport design, the LV-HD420 and LV-X420 projectors provide exceptional flexibility, quality and value.

Full HD - 1080p

XGA (1024 x 768)

Full HD (1920 x 1080)

The LV-HD420 features Full HD 1080p for true HDTV video quality and sharpness. The LV-X420 features XGA 1024x768 resolution which is well suited to a variety of content.

*1: Calculated at 100" diagonal

SPECIFICATIONS

LV-HD420 DLP Projector	ITEM CODE: 1905C002	UPC CODE: 13803289220
LV-X420 DLP Projector	ITEM CODE: 1906C002	UPC CODE: 13803289237

PROJECTION SYSTEM

Imaging Device	DMD x1
Aspect Ratio	LV-HD420: 16:9 LV-X420: 4:3
Native Resolution	LV-HD420: 1080P (1920 x 1080) LV-X420: XGA (1024x768)
Brightness	4200/3360 lm *1
Uniformity	80%
Contrast Ratio	LV-HD420: 8,000:1 *2 LV-X420: 10,000:1 *2
Digital Keystone	V: ±30°, H: ±30°
Electric Zoom	2x Maximum (1.8x When Overscan Display)

OPTICS

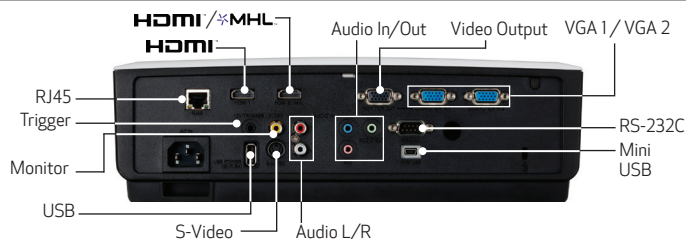|	
F Number, Focal Length	F2.42 - F2.97, f=20.7 - 31.1mm
Zoom	1.5x
Focus	Manual
Image Size W	LV-HD420: 40 - 320" LV-X420: 40 - 260"
Image Size T	LV-HD420: 30 - 210" LV-X420: 30 - 170"
Projector Distance	3.9 - 32.8 ft.
Throw Ratio	LV-HD420: 1.83:1 - 2.75:1 *4 LV-X420: 1.39:1 - 2.09:1 *4
Lens Shift	LV-HD420: 65%, Fixed LV-X420: 64%, Fixed

IMAGE ADJUSTMENTS

Image Modes	Presentation / Standard / sRGB / Movie/Cinema / User 1 / User 2
Color Adjustment	Color Temperature, Color Balance, Color Tint
Screen Color Correction	Pale Yellow, Pink, Pale Green, Blue, Blackboard
Mounting	Front Table, Rear Table, Front Ceiling, Rear Ceiling
Adjustable Feet	Front : 1, Rear 1

IMAGE SIGNALS

Scanning Frequency	V: 24 Hz - 120 Hz, H: 15.625 kHz - 101.6 kHz
Analog PC Input	WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA / MAC
Digital PC Input	WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Component Video Input	1080p / 1080i / 720p / 576p / 480p / 576i / 480i
Digital Video Input	1080p / 1080i / 720p / 576p / 480p
MHL Input	1080p / 1080i / 720p / 576p / 480p / 576i / 480i
Video Input/S-video Input	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N

TERMINALS

Mini Dsub15	Analog PC / Componet Video Input (x2), Analog PC / Componet Video Output (x1)
HDMI	Digital PC / Digtal Video Input
HDMI/MHL	Digital PC / Digital Video / MHL Input *6
Mini DIN4	S-video Input
RCA x3	Video Input / Audio-L / Audio-R
RJ-45	Network Connection (100BASE-TX / 10BASE -T)
Dsub9 (Control)	RS-232C
USB Type A	Power Supply Terminal (1.5A)
USB Mini B	Service Port
Mini Jack	Audio Input (x1), Audio Output (x1)
Mini Jack	12V Output (Trigger for screen operation)

REMOTE CONTROL

Wireless Remote	IR

BUILT-IN SOUND

Internal Amplifier	10W, Monaural

LAMP

Type	Super-High Pressure Lamp
Life	2500H/3000H (Lamp Mode: Normal/Eco)*5
Lamp Power	310/245W *1

RATINGS

Fan Noise	40/36 dB *1
Power Consumption	410/320W *1
Standby Power Consumption	2.0/0.5W *3
Power Voltage	AC100 - 240V : 50/60Hz
Operating Temperature	41°F - 104°F (RH: 10 - 85%) (No Condensation)
Dimensions (W x D x H)	W: 12.3" x D: 9" x H: 4.4"
Weight	7.5 lbs.

DIMENSIONS

Front

4.4"/ 112mm

12.3" / 312mm

Side

9"/ 229mm

CONNECTABILITY

HDMI / ※MHL
HDMI
Audio In/Out   Video Output   VGA 1 / VGA 2
RJ45
Trigger
Monitor
USB
S-Video
Audio L/R
RS-232C
Mini USB

WHAT'S IN THE BOX

- Projector
- Lens Cap
- Power Cord
- Computer Cable (Mini Dsub15-Mini Dsub15)
- Projector Remote Control LV-RC11 (Includes CR2025 battery)
- Quick Start Guide (Book)
- User's Manual (CD-ROM)
- Warranty Card

ACCESSORIES/REPLACEMENT PARTS

ITEM	ITEM CODE
Remote Control LV-RC11	2137C001
Carrying Case LV-SC02	1468C001
Replacement Lamp LV-LP42	1907C001

*1: Lamp mode is Normal/Eco. Brightness in Eco mode is only a calculated value, and is not gauranteed as specification. *2: Full white, full black, lamp level changes by following a brightness characteristic of an image. *3: "Standby Power" function is set to Network/RS-232. *4: Calculated at 100" (diagonal). *5: This time guarantees a 50% survival rate and a 50% brightness-maintenance rate. This value does not guarantee the operating life of lamp. *6: When utilizing an MHL device, the wireless remote control does not operate.