EPSON®
EXCEED YOUR VISION

VS220 SVGA, VS320 XGA 3LCD Projectors

3x Brighter Colors with Epson® Projectors[1]

VS320 XGA 3LCD Projector shown

Bright, Brilliant, Images for Your Business Needs.

3x Brighter Colors[1], and reliable performance — 3LCD, 3-chip technology

One measurement of brightness is not enough — look for both high color brightness and high white brightness. The VS220 and VS320 projectors have:

Color Brightness: 2700 lumens[2]
White Brightness: 2700 lumens[2]

HDMI digital connectivity — delivers both audio and video content with just one cable

Horizontal easy-slide image correction (VS320 only) — just move the easy-slide control bar to make the necessary horizontal image adjustments

The best-selling projectors Epson Projectors in the world

Bright, Brilliant, Images for Your Business Needs.

The VS220 and VS320 deliver amazing high-definition performance for compelling, high-impact presentations. Set up in a flash with HDMI connectivity, USB Plug 'n Play instant setup, and automatic vertical image correction. When you need to captivate your audience and close the deal, these projectors give you the functionality and quality to make it happen.

3x Brighter Colors with Epson[1]

Brilliant image quality requires high color brightness (color light output), and Epson 3LCD projectors have 3x Brighter Colors than leading competitive projectors[1].

One brightness measurement (lumens) is not enough. A projector's specification needs to show both high color brightness and high white brightness. If color brightness is lower than white brightness, images may be dark, dull and lose detail. If not provided, be sure to ask for a projector's color brightness specification.

3x Brighter Colors with Epson® Projectors[1]

COLOR BRIGHTNESS[2] 2700 LUMENS

WHITE BRIGHTNESS[2] 2700 LUMENS

EPSON

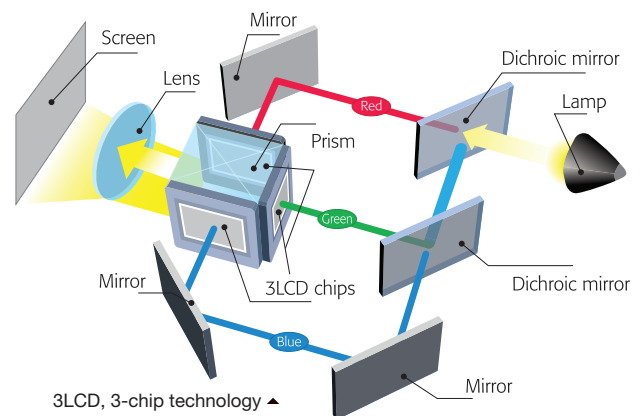High color brightness and high white brightness

COMPETITOR

Color brightness significantly lower than white brightness

Actual photograph of projected images from an identical signal source. Price, resolution and white brightness are similar for both projectors (Epson 3LCD and 1-chip DLP competitor). Both projectors are set to their brightest mode.

3LCD — The #1 projection technology in the world

- All 3LCD projectors have both high color brightness and high white brightness

- All 3LCD projectors have 3 chips

- 25% lower power consumption for lower energy costs[3]

- 20 years of road-tested reliability

3LCD

CERTIFIED 3 CHIP TECHNOLOGY

3LCD, 3-chip technology ▲

Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 5000 hours[4]

- Minimizes both light diffraction and light leakage

- E-TORL lamps maximize your presentation time, while minimizing your costs

The best-selling projectors in the world

Built with image quality and reliability in mind, Epson® projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready business projectors, Epson has a model that's perfect for you.

The best-selling projectors #1 Epson Projectors in the world

High-quality images with HDMI digital connectivity

- Delivers both audio and brilliant video content with just one cable
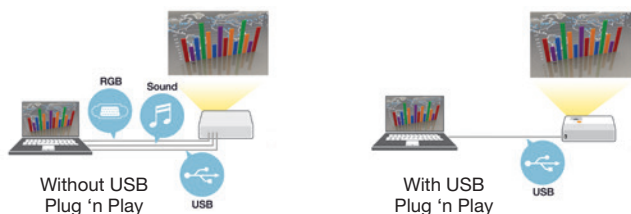- Compatible with the latest laptops, Blu-ray® and media players

Horizontal easy-slide image correction (VS320 only)

Just move the easy-slide control bar to make the necessary image adjustments. Your projector can be off to the side, while your presentation is front and center.

Advanced USB Plug 'n Play instant setup from your PC or Mac®

Epson's advanced USB connectivity enables instant Plug 'n Play setup for both audio and video. Forget about complicated computer key sequences and non-intuitive controls. Instead, just plug in a standard USB cable and let your presentation impress the audience.

Without USB Plug 'n Play

With USB Plug 'n Play

Quick, convenient control

These models include Instant Off ®/On, so no warm up or cool-down time is required. And, the VS320 also features A/V Mute, which acts as both a lens cover and puts the projector in a low power mode.

Additional Features/Benefits

- **USB Plug 'n Play instant setup** — instantly projects audio and video from a PC or Mac via a USB connection
- **Automatic vertical image correction** — quickly adjusts the image to fit the screen
- **PC-free slide shows** — via a USB thumb drive
- **Quick, convenient control** — A/V Mute (VS320 only), Instant Off/On, Direct Power Off/On
- **The ultimate in portability** — compact, lightweight design; remote control included
- **Energy-efficient E-TORL lamp** — up to 5000-hour lamp life[4]
- **Filters to protect your investment** — with easy side access for hassle-free maintenance
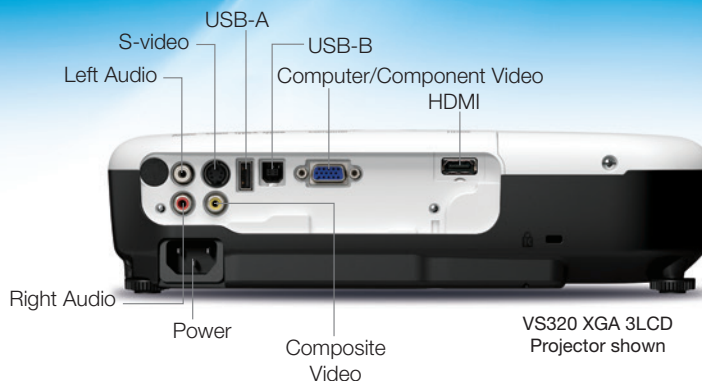
Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- RoHS compliant
- Recyclable product[5]
- Epson America, Inc. is a SmartWay℠ Transport Partner[6]

SmartWay℠
Transport Partner
Getting There With Cleaner Air

EPSON®
EXCEED YOUR VISION

S-video · USB-A · Left Audio · USB-B · Computer/Component Video · HDMI · Right Audio · Power · Composite Video

VS320 XGA 3LCD Projector shown

VS220 SVGA and VS320 XGA 3LCD Projectors

Product Name	Product Code	UPC
VS220	V11H592020	0 10343 90643 3
VS320	V11H429420	0 10343 90644 0
Genuine Epson Lamp	V13H010L67	0 10343 88423 6
Replacement Air Filter	V13H134A32	0 10343 88586 8

Specifications

Projection System
3LCD, 3-chip technology

Projection Method
Front/rear/ceiling mount

Driving Method
Poly-silicon TFT Active Matrix

Pixel Number
VS220: 480,000 dots (800 x 600) x 3
VS320: 786,432 (1024 x 768) x 3

Color Brightness²
VS220/ VS320
Color Light Output: 2700 lumens

White Brightness²
VS220/VS320
White Light Output: 2700 lumens

Aspect Ratio
4:3 (VS220/VS320)

Native Resolution
800 x 600 (SVGA) (VS220)
1024 x 768 (XGA) (VS320)

Resize Support
640 x 480 (VGA), 1024 x 768 (XGA) (VS220),
800 x 600 (SVGA) (VS320),
1152 x 864 (SXGA),
1280 x 800 (WXGA) (VS220, VS320),
1280 x 960 (SXGA2), 1280 x 1024 (SXGA3),
1440 x 900 (WXGA+), 1400 x 1050 (SXGA+),
1600 x 1200 (UXGA) (VS320)

Lamp Type
E-TORL 230 W UHE

Lamp Life⁴
Up to 5000 hours (ECO mode)
Up to 4000 hours (Normal mode)

Throw Ratio Range
1.45 – 1.96 (VS220)
1.48 – 1.77 (VS320)
1.30 – 1.56 (VS325W)

Specifications (continued)

Size (projected distance)
23" – 350" (0.87 – 10.5 m) (VS220)
30" – 300" (0.76 – 7.62 m) (VS320)

Keystone Correction
Vertical: Auto ± 30 degrees (VS220/VS320)
Horizontal: Manual (VS220), easy-slide (VS320)

USB Plug 'n Play
PC and Mac compatible

Contrast Ratio
Up to 3000:1

Color Reproduction
16.77 million colors

Projection Lens

Type
Manual focus (VS220)
Manual (optical) zoom (VS320)

F-number
1.44 (VS220)
1.58 – 1.72 zoom (VS320)

Focal Length
16.77 mm (VS220)
16.9 mm – 20.28 mm (VS320)

Zoom Ratio
Zoom 1.0 – 1.35 (VS220)
Optical zoom 1.0 – 1.2 (VS320)

Other

Display Performance
NTSC: 480 lines
PAL: 560 lines
(Depends on observation of the multi-burst pattern)

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM

Interfaces
HDMI x 1
Computer/component video: D-sub 15 pin x 1
S-video: Mini DIN x 1
Composite video: RCA x 1
Audio in: RCA x 1 (White/Red)
USB connector: Type-A x 1 (PC-free and other)
USB connector: Type-B x 1 (USB Plug 'n Play)

Speaker
1 W (Mono)

Operating Temperature
41 ˚ to 95 ˚F (5 ˚ to 35 ˚C)

Power Supply Voltage
100 – 240 V ±10%, 50/60 Hz

Power Consumption
283 W (Normal mode)
234 W (ECO mode)

Fan Noise
37 dB (Normal mode)
29 dB (ECO mode)

Security
Kensington®- style lock provision,
security anchor bar

Dimensions (W x D x H)

Including feet: 11.6" x 9.0" x 3.1"
Excluding feet: 11.6" x 9.0" x 3.0"
Weight: 5.1 lb

Remote Control

Features
Source search selection, power, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions

Operating Angle
Right/left: ± 30 degrees (VS220/VS320)
Upper/lower: ± 15 degrees (VS220)
Upper/lower: ± 30 degrees (VS320)

Operating Distance
19 ft (6 m) (VS220)
26 ft (8 m) (VS320)

Support

The Epson Connection℠
Pre-sales support
U.S. and Canada   800-463-7766
Internet website   www.epson.com

Service Programs
One-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day lamp limited warranty

What's in The Box

VS220 or VS320 projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, projector software CD and Quick Setup Sheet

Accessory Part Numbers

Universal projector ceiling mount	ELPMBPJF
Component to VGA video cable	ELPKC19
Soft shoulder case for projector and laptop	ELPKS61
50" portable screen	ELPSC06
Duet™ screen	ELPSC80
ES3000 screen	ELPSC26H
ES1000 screen	V12H00254Y
Epson DC-10s document camera	ELPDC10S
Kensington security lock	ELPSL01

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1 Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions.

2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

3 Data source: ProjectorCentral.com Jan. 2012. Average of 1122 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels. Energy efficiency was measured as wattage per lumen. It was measured for both 3LCD and 1-chip projectors in each of five brightness segments. 3LCD projectors averaged less required electricity per lumen in each of the five segments.

4 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

5 See our website for convenient and reasonable recycling options at www.epson.com/recycle

6 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.