Vivitek

Professional Dual Lamp Projector

Dual Lamp
Switching
Technology

Platinum Professional Projector System

C.E.P
Color Evolution Processing

Dual Lamp

PICTURE BY DLP
A TEXAS INSTRUMENTS TECHNOLOGY

Long-life lamp
3000

Vivitek D3355

Platinum Professional Projector System
Dual Lamp Switching Technology

Vivitek D3355 Platinum Series, is a truly conference-center projector offering ultra brightness, motorized functions, full functions, and reliable quality. The cutting edge urbo-Charge Light Engine provides flexibility in brightness settings and backup solution for lamp failure, full connectivity including dual PC inputs (DVI-I and RGB), BNC, Component, composite and S-video, allowing wider flexibility for you to connect to a variety of display sources under different circumstances. Advanced features such as auto source search, auto image optimization assist you to present at ease with quality. 7 (RGBCMYK) colors setting and more other advanced adjustments also open to allow you to adjust your-style presentation. The Vivitek D3355 Platinum Series is a premium powerhouse projector for dynamic professional presentations.

Advanced composite plastic structure
The Vivitek D3355 Platinum Series is made tough, reliable and durable by implementing a new hi-tech composite plastic structure that houses its high performance.

Operate with ease and efficiency

TIR Full-reflect Light Engine

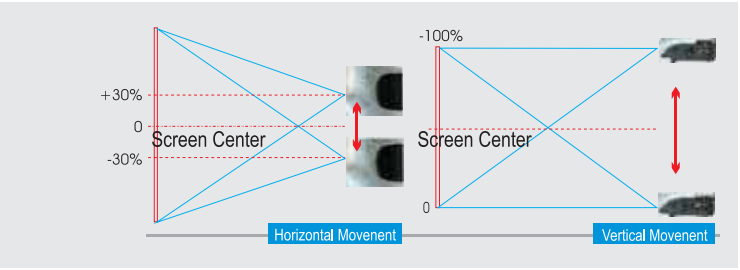
Vivitek's TIR Full-reflect Light Engine extracts the full brightness output of the light engine, thus producing very high brightness sufficient for conference room demand.

Cutting Edge Dual Lamp Switching Technology

Vivitek's Dual Lamp Switching echnology enables the selection of solo or dual lamp projection. Under the dual lamp projection mode, the projector automatically switches to solo lamp when one of the lamps fails, therefore preve-nting the interruption of presentations.

Motorized Vertical & Horizontal Lens Shift

Vivitek D3355 Platinum Series offers fully motorized lens shift, capable of shifting +/- 30% horizontally and +0-100% vertically.



Motorized Power Zoom and Focus

Vivitek D3355 Platinum Series offers fully motorized zoom and focus.

Up to 6 different optional lens specifications for replacement

Vivitek has worked with Ricoh to develop professional projection lenses for the D3355 Platinum Series, and offers up to 6 different optional lenses for various applications.

Advanced Digital Keystone Correction

Via high performance chip,Vivitek D3355 Platinum Series can perform both vertical and horizontal -/+ 40°.

Convenient Lamp Replacement Design

Normally placed or ceiling mounted, Vivitek Gold Class Series implements a special lamp replacement design, to deliver the most convenient and easiest method for lamp replacement.

Customize your own startup screen

Finally! Users can now have their projectors' startup screen setup with their own favorite images to have their presentations stand out from the pack. Vivitek D3355 Platinum Series offers a convenient function to capture the current projected image and use it as the startup screen.

Auto Image Optimization

Smart Auto Image Optimization function auto sizes and adjusts images for optimum picture performance, allowing users to fully concentrate on their presentations rather than time-consuming manual adjustments.

Wide Range of Powerful Inputs/Outputs

Vivitek Gold Class Series is engineered to accept a remarkably wide range of signals and cable types, from PC (VGA up to SXGA), VIDEO (component, composite, s-video), AUDIO (Stereo mini-jack, RCA L/R), and CONTROL (RS-232, USB) input signals. Delivers more options and flexibility to the user to connect to various different input devices.

Auto Input Search

Detects the presence of a connected input signal automatically and enables images to be projected instantly when the projector is powered on or when the source button on the keypad is pushed.

Professional 7-colors adjustable settings

In addition to 3-colors (RGB) adjustable setting that common projectors can serve, Vivitek paced the industry by providing up to 7-colors adjustable settings including Red, Green Blue, Cyan Magenta, Yellow and White. This professional function allows users to further tune colors to their favored details and levels.

Password Authentication System

Vivitek D220 series has a built-in password authentication system, which can increase the security level and also assist the user to prevent unauthorized usage of the projector.
*Please read the manual for further details.

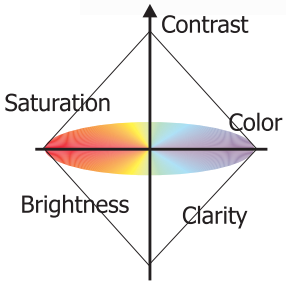
Meeting Room

Commercial Space

Regional Space

STANDARD LENS (replaceable)

Product type	Standard zoom lens for projector
Model	GR-100
Type of lens	Zoom lens
Picture size (diagonal)	40" to 300"
Focal length	25.6mm (1 1/64") to 31.3mm (1 15/64")
F no.	1.8 to 2.0
Throw ratio	1:1.8 to 1:2.2
Weight	Approx. 1,100g (2.42 lbs)
Dimensions of lens	Φ80.4 x 166.2mm (6 35/64") (main body only)



CEP (Color Evolution Processing for authentic colors)

Marvel at the stunning image colors produced by the CEP (Color Evolution Processing) technology developed by Vivitek. CEP elevates the color performance of Vivitek products via unique techniques and algorithms, and reproduces vivid and lifelike colors similar to those displayed by the Trinitron technology.

Progressive scan

Texas Instruments' advanced DDP1000 processing chipset provides quality progressive scan function to deliver smooth video contents.

Superb picture clarity

Vivitek D3355 Platinum Series utilizes a DLP™ super grade-A DMD display chip, which is engineered to remove visible pixel gaps in projection images and, to deliver super contrast levels and optimum clarity for image or video contents. With DLP™ technology, users enjoy higher clarity, higher contrast, and richer colors in their presentations.

3D Y/C Comb Filter

Eliminate cross-color distortion noise for composite video input to deliver more accurate color image.

DLTI and DCTI Technology

Enhance luminance and color transitions in the projected images.

3:2/2:2 PULL DOWN

Reproduce smooth original theatrical contents of video sources.

Complete HDTV support

Compatible and supports 480i/480p/576i/576p/720P/1080i/1080p digital signals.

3D COMB FILTER | 3:2Pull Down | HDTV 1080i

MADE FOR THE ENVIRONMENT & YOUR HEALTH

RoHS & WEEE Compliance

Vivitek leads the way in introducing healthy and safe projector products free of lead and hazardous substances. Every user can operate Vivitek projectors without concerns of hazardous impact on their health and on the environment. Vivitek projector products are strictly compliant with the RoHS & WEEE regulations.

Auto Power Saving

Dedicating to power conservation, the Vivitek D3355 Platinum Series can be activated to automatically shut-off when detecting that the projector is idle for 10 minutes without any signal source inputs.

Intelligent Cooling System

Vivitek D3355 Platinum Series implements a built-in intelligent cooling system that can sense and adjust power levels used by internal cooling devices within according to fluctuating temperature conditions within.

Ecology-Conscious Design and Manufacturing

VIVITEK works from every aspect to minimize the environmental impact in the product design, production, and delivery processes, and in the performance of the product itself over its life cycle. All VIVITEK products reflects the following ecological protection efforts:

- >> Lead-free solder is used for soldering all parts including circuit component electronics.
- >> No halogenated flame-retardants are used in the cabinet.
- >> No polystyrene foam is used in the packaging materials.
- >> Lead-free glass is used for the lens.
- >> Recycled paper is used in the user manuals and packing cartons.
- >> Hi-efficiency power switching further reduces power consumption.
- >> Intelligent Cooling System prevents excess power consumption.

Cool extras

Digital Zoom function

The digital zoom function allows users to select and zoom in on a specific part of the presentation image to emphasize on that specific detail.

Security Lock

Users can connect a security cable to the projector's Kensington lock for theft prevention.

3,000 hours long-life lamp

Long-life lamp is now implemented to help users further reduce maintenance costs and save more.

Blank function

Users can use the ※Blank§ function to instantly project a blank image during the presentation, and get attention focused onto the presenter. A selection of 5 different colors (black, red, green, blue, white) is available for the blank page setup.

Freeze function

This function allows users to instantly freeze an image being projected while they flexibly access their PC to modify their presentation contents or setup for the next-to-be projected image.

D3355 XGA DLP Projector

Display Technology	0.7" 12～ DDR DLP
Light Engine Technology	TIR Engine
Lamp Technology	Dual Lamp Switching
Resolution	NativeXGA 1024 x 768
	Supports up to UXGA 1600 x 1200
Contrast/Brightness	2000:1/4500 ANSI Lumens
Uniformity	90%
Color Reproduction	24bit, 16.7 million colors
Standard Lens	GR-100Replaceable, Motorized zoom and focus (Throw Ratio: 1.8-2.25:1)
Optional Replaceable Lenses	GR-1Replaceable, Fixed zoom and motorized focus (Throw Ratio: 0.8-1.0:1)
	GR-80Replaceable, Motorized zoom and focus (Throw Ratio: 1.5-1.8:1)
	GR-200Replaceable, Motorized zoom and focus (Throw Ratio: 2.25-3.0:1)
	GR-400Replaceable, Motorized zoom and focus (Throw Ratio: 3.0-4.5:1)
	GR-500Replaceable, Motorized zoom and focus (Throw Ratio: 4.5-7.0:1)
Lens Shift(Motorized)	Horizontal+/- 30%
	Vertical+ 100% , 0%
Digital Zoom	64x
Zoom	1.22:1
Projection Distance	1m - 10m
Projection Image Size (Diagonal)	30" - 300"
Projection Method	Front / Ceiling-Front / Rear / Ceiling-Rear
Aspect Ratio	4:3 / 16:9 / 2.35:1
Keystone Correction	Horizontal+/- 40～ Vertical+/- 40～
Scanning Frequency	H-Sync15, 31~94 KHz/V-Sync50~85 Hz
Lamp	OSRAM 250W E21.8 x 2
Lamp Life	Normal mode2000 hours / ECO mode3000 hours
Fan Noise	Normal mode34 dB / ECO mode32 dB
Power	100-240VAC
Power Consumption	Normal mode650W / ECO mode520W
Dimensions / Weight	474mm x 412mm x 197mm / 15Kg
Security Lock	Kensington Lock
Speakers	Stereo 3W x 2
Remote Control	Yes
Operating Environment	Operating Temperature 5～ ~ 35℃
	Storage Temperature -10～ ~ 60℃

* Specifications are subject to change without prior notice.

Input Signal Compatibility	Computer Digital Signals	VESA 640x480@60/72/75/85 Hz
		VESA 800x600@56/60/72/75/85 Hz
		VESA 1024x768@60/70/75/80/85 Hz
		VESA 1280x1024@60 Hz
		UXGA 1600x1200@60/75 Hz
	Computer Analog Signals	SXGA 1280x1024@60/75/85 Hz
		SXGA+ 1400x1050
		XGA 1024x768@60/70/75/85 Hz
		SVGA 800x600@56/60/72/75/85 Hz
		VGA 640x480@60/72/75/85 Hz
		MAC 13, 16, 19, 21(640x480)
		MAC 13, 16, 19, 21(832x642)
		MAC 13, 16, 19, 21(1024x768)
		MAC 13, 16, 19, 21(1280x1024)
	Video Digital Signals	HDMI 1080i, DVI-DHCP
	Video Analog Signals	NTSC/NTSC4.43, PAL B/G/H/I/M/N 60, SECAM
		HDTV 480i, 480p, 576i, 576p, 720p, 1080i, 1080p(5BNC)
Input Ports	Computer Sources	DVI-D (DHCP enabled) x 1
		BNC x 5
		VGA DB-15 x 1
	Video Sources	Composite Video (RCA) x 1
		S-Video (mini DIN-9) x 1
		Component Video (Through BNC - RCA x 3 cable)
		HDMI x 1
	Audio Sources	RCA (R/L) x 1 (For Composite Video)
		RCA (R/L) x 1 (For S-Video)
		RCA (R/L) x 1 (For Component Video)
		Stereo mini-jack x 1 (For VGA DB-15)
		Stereo mini-jack x 1 (For DVI-D)
		Stereo mini-jack x 1 (For BNC)
Ports Output	Computer	VGA DB-15 x 1
	Audio	Stereo mini-jack x 1
Control Ports	USB	USB Type-B x 1
	RS-232	DB-9 x 1
	Network LAN	RJ-45 x 1

Picture (Screen) Size	Distance from the lens center to the bottom of the image [H]		Distance from the lens center to the center of the image [W]
Diag. [X]	Lower [H1]	Upper [H2]	
300" (762 cm)	-228.6 cm (-90")	0 cm (0")	+/-91.4 cm (36")
250" (635 cm)	-190.5 cm (-75")	0 cm (0")	+/-76.2 cm (30")
200" (508 cm)	-152.4 cm (-60")	0 cm (0")	+/-61.0 cm (24")
150" (381 cm)	-114.3 cm (-45")	0 cm (0")	+/-45.7 cm (18")
100" (254 cm)	-76.2 cm (-30")	0 cm (0")	+/-30.5 cm (12")
84" (213 cm)	-64.0 cm (-25 13/64")	0 cm (0")	+/-25.6 cm (10 5/64")
80" (203 cm)	-61.0 cm (-24")	0 cm (0")	+/-24.4 cm (9 19/32")
72" (183 cm)	-54.9 cm (-21 19/32")	0 cm (0")	+/-21.9 cm (8 41/64")
70" (178 cm)	-53.3 cm (-21")	0 cm (0")	+/-21.3 cm (8 13/32")
60" (152 cm)	-45.7 cm (-18")	0 cm (0")	+/-18.3 cm (7 13/64")
40" (102 cm)	-30.5 cm (-12")	0 cm (0")	+/-12.2 cm (4 51/64")

The formula for picture size and projection distance:
[m/cm]
L1 (m) = 0.03658X
H1 (cm) = -0.762X
[Feet/inches]
L2 (ft) = 0.0447X / 0.3048
W (cm) = +/- 0.3048X / 2.54
L2 (m) = 0.0447X
W (cm) = +/- 0.3048X
L1 (ft) = 0.03658X / 0.3048
H1 (cm) = -0.762X / 2.54

The above values shown are approximate. Errors and omissions accepted.

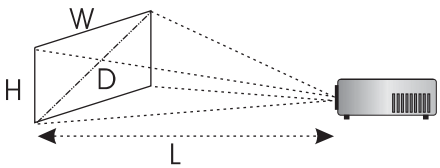
Picture (Screen) Size			Projection Distance [L]	
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]
300" (762 cm)	610 cm (240")	457 cm (180")	11.0 m (36' 0")	13.4 m (44' 0")
250" (635 cm)	508 cm (200")	381 cm (150")	9.1 m (30' 0")	11.2 m (36' 8")
200" (508 cm)	406 cm (160")	305 cm (120")	7.3 m (24' 0")	8.9 m (29' 4")
150" (381 cm)	305 cm (120")	229 cm (90")	5.5 m (18' 0")	6.7 m (22' 0")
100" (254 cm)	203 cm (80")	152 cm (60")	3.7 m (12' 0")	4.5 m (14' 8")
84" (213 cm)	171 cm (67")	128 cm (50")	3.1 m (10' 1")	3.8 m (12' 4")
80" (203 cm)	163 cm (64")	122 cm (48")	2.9 m (9' 7")	3.6 m (11' 9")
72" (183 cm	146 cm (58")	110 cm (43")	2.6 m (8' 8")	3.2 m (10' 7")
70" (178 cm)	142 cm (56")	107 cm (42")	2.6 m (8' 5")	3.1 m (10' 3")
60" (152 cm)	122 cm (48")	91 cm (36")	2.2 m (7' 2")	2.7 m (8' 10")
40" (102 cm	81 cm (32")	61 cm (24")	1.5 m (4' 10")	1.8 m (5' 10")

X: Picture Size (diag.) (in/cm)
L: Projection Distance (m/ft)
L1: Minimum Projection Distance (m/ft)
L2: Maximum Projection Distance (m/ft)
H: Distance from the lens center to the bottom of the image (cm/in)
H1: Lower distance from the lens center to the bottom of the image (cm/in)
H2: Upper distance from the lens center to the bottom of the image (cm/in)
W: Distance from the lens center to the center of the image (cm/in)
*There maybe an error of +-3% in the above values.
*Values with a minus (-) sign indicate the distance of the lens center below the bottom of the image.

PICTURE BY DLP™ A TEXAS INSTRUMENTS TECHNOLOGY

STANDARD ACCESSORIES

- Full-feature remote control
- User's Manual
- AC power cable
- Computer cable (DB-15 connector to DB-15 connector)



Suggested optimal projection distance is 1.5m~8m.

Vivitek