Specifications

	Vivitek Model Number	Vivitek D5000
Display	Type	DLP
	Brightness	5200 Lumens
	Native Resolution	XGA (1024 x 768)
	Maximum Resolution	SXGA+ (1400 x1050)@60Hz
	Contrast Ratio	2,500:1
	Lamp Life and Type	1500/2000 Hours (Std. / Eco. Mode), 330W
	Throw Ratio	1.6 - 2.0:1
	Image Size (Diagonal)	37"- 300"
	Projection Distance	1.5 - 7m (4.92ft to 23ft)
	Projection Lens	F = 2.46 - 2.56 f = 22.82 - 28.49mm
	Zoom Ratio	1.25x
	Aspect Ratio	N/A
	Offset	N/A
	Keystone Correction	Vertical +/-15(+/-Step)
	Horizontal Frequency	15, 30 - 90kHz
	Vertical Scan Rate	50 - 85Hz
	Lens Shift Range	Vertical: +100%, Horizontal: +/- 10%
Compatibility	Video Compatibility	SDTV (480i/576i), EDTV (480p/576p), HDTV (720p, 1080i/p), NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM
Audio	Speakers	3W (Mono x 2)
Connections	I/O Ports	HDMI 1.3V, DVI-D, Component (YPbPr), VGA-In (x2), S-Video, Composite, Audio-In RCA (L/R), Audio-In (Mini-Jack) (x3), VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232C, USB (Service)
Network Management	Connectivity	RJ45
Physical	Projection Method	Table Top, Ceiling Mount (Front or Rear)
	Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
	Dimensions (W x D x W)	431.11 x 344.16 x 161.51mm (16.97" x 13.55" x 6.36")
	Weight	8.6kg (19lbs)
	Noise Level	37dB/33dB (Std. / Eco. Mode)
Power	Power Supply	AC 100-240V, 50/60Hz
	Power Consumption	335W (Eco. Mode), 390W (Std. Mode), <1W (Standby Mode)
Accessories	Standard	AC Power Cord, VGA Cable, Remote Control, Lens Cap, Documentation Kit
	Optional	Replacement Lamp, Short Throw Lens, Long Throw Lens

*Specifications are subject to change without prior notice.

D5000 Series
Large Venue Multimedia Projector

Features

▶ 5200 lumens and 2500:1 contrast ratio

▶ DLP® and BrilliantColor™ technologies from Texas Instruments

▶ 3D-ready with DLP® Link™

▶ Connectivity options include: HDMI V1.3, DVI-I, VGA-Out, BNC, Component, S-Video, Composite

▶ Network ready for integration and system administration

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D5000 Series | Large Venue Multimedia Projector

High in performance and rich in functionality, the ultra bright D5000 Series is designed for large venues such as boardrooms, auditoriums and lecture halls. The D5000 delivers 5200 lumens of brightness, full lens shift, interchangeable lens and a host of multimedia I/O connections to make it the ideal system for large venues.

High Brightness
With 5200 lumens of brightness, the super bright D5000 projects a powerful and impressive image, even in well-lit environments.

7 Color Adjustment
The D5000 features Color Correction tab functionality, thus enabling the adjustment of colors hues in an image to remove unwanted effects, improve color characteristics or add more of a particular color.

Rich Connectivity
The D5000 deliveries a rich array of multimedia I/O connectivity options including two HDMI V1.3, RS-232C for updates and remote trigger for communications and automated screens.

Easy Access Remote Control
The D5000 features an easy button layout, with most of the primary and secondary feature controls directly accessible. This includes adjustment controls for sharpness, picture, image size, user defined settings and more.

Network Management
The D5000 Series is network ready for integration and system administration via the RJ45 interface. This allows the network administrator to monitor the status of the projectors installed on the network and remotely access the projector's functions and settings.
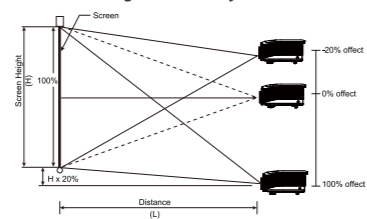
Security Ready
The Vivitek D5000 integrates a Kensington® compatible security slot and anti-theft bar to help ensure that the projector is secured against theft.
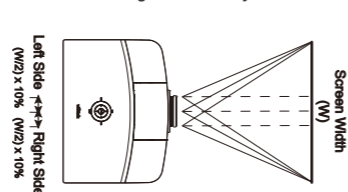
Manual Lens Shift
The D5000 provides greater installation flexibility with both vertical (+100%) and horizontal (+/- 10%) lens shift adjustments for easier alignment with a screen. Manual Lens Shifts aligns the image on the screen and allows the projection to be adjusted vertically and horizontally without moving the projector.

Vertical Image Position Adjustment

Horizontal Image Position Adjustment

Convenient Lamp Replacement Design
This projector implements a special side mounted replacement design, to deliver the most convenient and easiest method for lamp replacement.

BrilliantColor™
With TI's BrilliantColor technology, the D5000 produces vibrant images on the screen. It not only improves color accuracy, but brightens secondary colors as well, for accurate, true-to-life images.

Filter Free
The D5000 incorporates TI's latest DLP technology that is designed to be superior in fighting against dust build-up. The D5000 incorporates a sealed optical engine, which is filter free and more durable in comparison with plastic components.

3D Technology Ready
Featuring DLP®3D-ready and DLP Link® technologies, the D5000 is a 3D ready projector that enables the viewing of 3D content when wearing 3D glasses. Perfect for gaming, movies and education.

Instant On/Off
The D5000 is designed for quick start-up and shut down times. This enables the presenter to quickly start up the projector and immediately shut it down when the presentation is complete.

Audio Ready
With two integrated 3W audio speakers, the D5000 does not require a separate sound system. The audio quality is powerful, crisp and clear.

Interchangeable Lens
The D5000 Series' offers 3 bayonet lenses in different optical sizes to meet a variety of projection needs. This includes lenses for short-throw, standard and long.

Projection Distance and Size Table

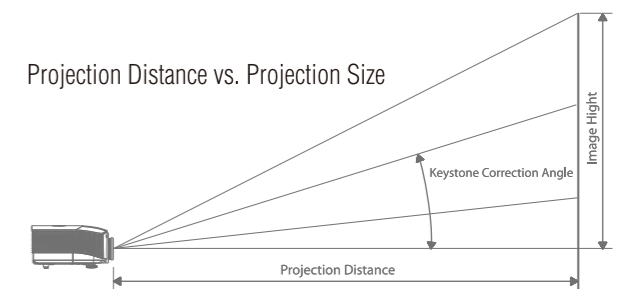**Standard Projection Lens: TR: 1.6–2; offset=100%**

	TELE				WIDE			
Distance (m)	1.63	3.25	4.06	8.13	1.63	3.25	6.50	9.75
Diagonal (")	40	80	100	200	50	100	200	300
Image Height (mm)	609.6	1219.2	1524.0	3048.0	762.0	1524.0	3048.0	4572.0
Image Width (mm)	812.8	1625.6	2032.0	4064.0	1016.0	2032.0	4064.0	6096.0

Projection Distance vs. Projection Size

Keystone Correction Angle
Image Hight
Projection Distance

Long-throw Projection Lens: TR: 2–3; offset=100%

	TELE				WIDE			
Distance (m)	2.44	6.10	12.19	19.51	2.03	6.10	12.19	19.91
Diagonal (")	40	100	200	320	50	150	300	490
Image Height (mm)	609.6	1524.0	3048.0	4876.8	762.0	2286.0	4572.0	7467.6
Image Width (mm)	812.8	2032.0	4064.0	6502.4	1016.0	3048.0	6096.0	9956.8

Short-throw Projection Lens: TR: 0.8; offset=100%

	FIX			
Distance (m)	0.65	1.30	1.63	3.25
Diagonal (")	40	80	100	200
Image Height (mm)	609.6	1219.2	1524.0	3048.0
Image Width (mm)	812.8	1625.6	2032.0	4064.0