vivitek®
Vivid Color, Vivid Life

Vivitek Projectors

LARGE VENUE PROJECTORS

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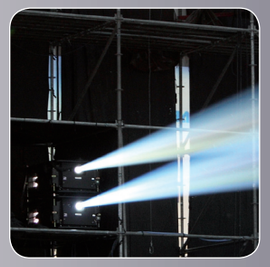


High Brightness and Professional Installations

Vivitek Large Venue Product Line

Detailed Projections
For any Large Venue projection environment the image quality is critical. For projection images to display the fine detail and depth of the image on a large staging event or auditorium it requires the best quality components and processing software available. Vivitek offers these high-performance projectors in a range of high brightness and ultimate reliability projectors for professional installations.

Ease of Installation
Vivitek has designed the Large Venue portfolio of projectors with the AV installer in mind. All projectors are equipped with easy installation features. Within the range there a selection of projectors available to cater for most installation requirements, including features such as dual-lamp switching technology, interchangeable lenses/color wheels and edge blending.

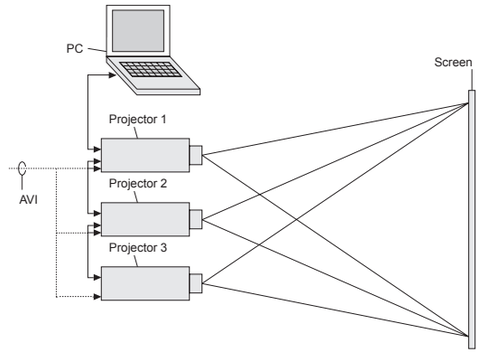
Built to last
Using Texas Instruments' DLP® chipset and BrilliantColor™ technology Vivitek projectors offer vivid digital images that won't fade or degrade over time. The Vivitek projectors are built to comply with stringent RoHS standards and are equipped with power saving features and low-power operation modes.

An excellent performance and reliability - whether in staging events or fixed installations, that is what Vivitek projectors bring to you.

Vivitek D8300 Series

Intensity
The Vivitek D8300 is ideally suited to large-venue installations such as small cinemas, education and simulation environments as well as for digital signage, media and large conference rooms. The Vivitek D8300 lightens up these locations with its 6500 ANSI lumens of brightness and features a native Full HD picture at a resolution of 1920x1080pixels with a 16:9 aspect ratio. The projector's contrast ratio of 3000:1 ensures deep black levels, ensures deep black levels and unrivalled performance.

Lens options
The Vivitek D8300 is available with a selection of four lens options, as well as two converter lenses, fitting the projector to the respective venue it will be installed in. The Vivitek D8300 uses a DLP chipset from Texas Instruments, so no maintenance is required, ensuring a low cost of ownership. Moreover, the projector's connectivity is as elaborate as its lens options: it includes two HMDI, a VGA-D-Sub, component video, S-Video and Composite video input ports. Two 12V mini-jack ports are embedded for a Screen trigger.



	D8300
Display Type	DLP
Brightness (Typical)	6500 Lumens
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920x1200) @60Hz
Contrast Ratio (Typical)	3000:1
Lamp Life and Type	1500 Hours (Std Mode), 400W
Throw Ratio	1.85 - 2.4:1
Image Size (Diagonal)	0.6 - 7.6 m (22.5" - 300")
Projection Distance	2.5 - 9m (8.2ft to 29.5ft)
Projection Lens	Manual Focus
Zoom Ratio	1.3x
Aspect Ratio	16:9 Native, 4:3 Compatible
Keystone Correction	N/A
3D Ready	no
Speakers	N/A
Lens Shift Range Vertical	+/-120% - Horizontal: +/-30%
Video Compatibility	SDTV (480i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC 4.43, PAL (B, G, H, I, M, N), SECAM
I/O Connection Ports	HDMI v.1.3, Component (5 HDMI 1.3 (x2), Component (5 BNC), Component (YPbPr), VGA-In, S-Video, Composite, 12V Trigger (x2), RS-232C, Remote Jack
Dimensions (WxDxH)	338 x 163 x 416mm (13.3" x 6.4" x 16.4")
Weight	15kg (33.07lbs)
Noise Level	45dB (Std. Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	510W (Std. Mode), <1W (Standby Mode)
Lens Options	see table on page 6

Vivitek Dual Lamp Series

Both the Vivitek D6510 and D6010 are ideal solutions for the large venue installation marketplace. The D6510 and D6010 digital projectors offer on-board, dual-lamps with switching technology to enable brilliant picture quality.

The dual-lamps work to create a brighter picture. With the Dual-Lamp Switching Mode, both the D6510 and D6010 are ensured to continue working should one lamp go down. The projectors automatically switch to single lamp operation mode preventing any interruption during use. The single lamp life of the projectors is extended to 2,500 hours using Eco-Mode. With switchable four (4) - and six (6)-segment color wheels, the user can optimize presentations by adding brightness or details.

The Vivitek D6510 offers a contrast ratio of 3000:1, native XGA (1024x768) resolution and 6500 lumens of brightness; while the D6010 has a brightness of 6000 lumens, a 3000:1 contrast ratio and native WXGA (1280x800) resolution.

Vivitek offers four optional short- and long-throw bayonet lenses designed for quick release and ceiling installations.

High Resolution, High Brightness
The Vivitek D8800 will be available Spring 2012. This projector is designed for the Pro AV staging business and has a native WUXGA resolution (16:10 format), allowing for full HD resolution and boasts 8000 lumen*. It is built using DLP technology, single chip 0.67" DMD and offers broad connectivity including HDMI, DVI, BNC Component, RJ-45, HDSDI in/out. It has 2x400Watt lamp and weighs approx. 24 kg. This projector can be stacked up to 4 times.

*Preliminary spec.

D6010	D6510	D8800
DLP	DLP	DLP
6000 Lumens	6500 Lumens	8000 ANSI Lumens
WXGA (1280 x 800)	XGA (1024 x 768)	WUXGA (1920 x 1200)
UXGA (1600 x 1200) @60Hz	UXGA (1600 x 1200) @60Hz	WUXGA (1920 x 1200)
3000:1	3000:1	1500:1
1500/2,500 Hrs. (Std./Eco. Mode), 280W (x2)	1500/2500 Hrs. (Std./Eco. Mode), 280W (x2)	2000/2500 Hrs. (Std. / Eco Mode), 400W x 2
1.8 - 2.38:1	1.78 - 2.35:1	1.73 - 2.28:1
1.0 - 12.7 m (40" - 500")	1.0 - 12.7 m (40" - 500")	50"- 500"
1.42 - 24.35m (4.66ft to 80ft)	1.42 - 24.35m (4.66ft to 80ft)	1.83 – 14.9m (6ft - 49ft)
F = 1.7 - 1.9 , f = 26 - 34mm	F = 1.7 - 1.9, f = 26-34mm	F = 1.6 - 1.9 f = 25.7 - 33.7mm
1.3x	1.3x	1.3x
16:10 Native, 4:3, 16:9 Compatible	4:3 Native, 16:9 Compatible	16.10 Native, 4.3 and 16:9 Compatible
±40° Vertical, ±30° Horizontal	±40° Vertical, ±30° Horizontal	+/-30° Vertical, Horizontal:+/-35°
no	no	TBD
3W (x 2)	3W (x 2)	TBD
(Motorized) 50% Vertical, 10% Horizontal	(Motorized) 50% Vertical, 10% Horizontal	0/ +50%, Horizontal: +/- 10%
SDTV (480i), EDTV (480p), HDTV (720p, 1080p), NTSC 4.43, PAL (B, G, H, I, M, N/60), SECAM	SDTV (480i), EDTV (480p), HDTV (720p, 1080p), NTSC 4.43, PAL (B, G, H, I, M, N/60), SECAM	SDTV(480i/576i), EDTV (480p/576p), HDTV (720p, 1080i/p), NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM
DVI-D, Component (5 BNC), Component (YPbPr), VGA-In, S-Video, Composite, Audio-In RCA (L/R)(x2), Audio-In (Mini-Jack) (x3), VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232C, USB (Service)	DVI-D, Component (5 BNC), Component (YPbPr), VGA-In, S-Video, Composite, Audio-In RCA (L/R)(x2), Audio-In (Mini-Jack) (x3), VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232C, USB (Service)	HDMI v1.3, DVI-D, Component (YPbPr), VGA-In (x2), S-Video, Composite, 3G HDSDI-In, 3G HDSDI-Out, RJ45, 12V Trigger, RS-232C, Wired Remote
508 x 389 x 195mm (20" x 15.3" x 7.7")	508 x 389 x 195mm (20" x 15.3" x 7.7")	508 x 552.6 x 229mm (20" x 21.8" x 9")
17kg (37.5lbs)	17kg (37.5lbs)	24kg (52.9lbs)
39dB/34dB (Std./Eco. Mode)	39dB/34dB (Std./Eco. Mode)	TBD dB/TBD dB (Std. /Bst. Mode)
AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
710W (Std. Mode), 580W (Eco. Mode), Standby <5W	710W (Std. Mode), 580W (Eco. Mode), Standby < 5W	TBD W (Std. Mode), TBD W (Bst. Mode), <TBD W (Standby Mode)
see table on page 6	see table on page 6	see table on page 6

Vivitek D5000 Series (Edge Blending)

Bright Options
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 Series delivers up to 5200 lumens of brightness, full lens shift, convenient central lens position, interchangeable lens and extensive multimedia I/O connections to make it the ideal system for large venues.

The Vivitek D5180 and D5185 are new additions to the range and have Native 1080p resolution as well as convenient additional features such as edge blending and wireless remote control support for multiple projector installation.

Edge Blending inside
Vivitek is offering AV installers additional ease of use through the D5185HD which includes embedded edge blending to enable joining up to three Vivitek projectors to make one big projected image. Innovative software inside the projector automatically blends and warps multiple projectors into a seamless multi-megapixel Windows desktop.

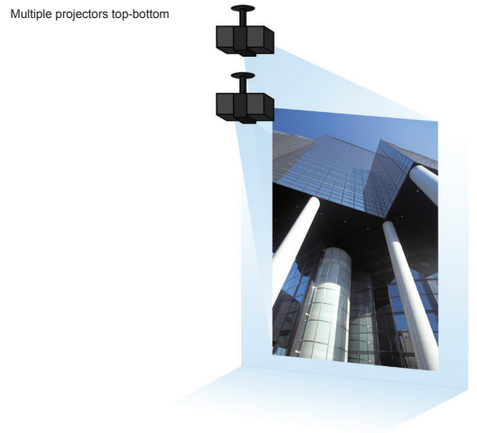
	D5180HD	D5185HD with EdgeBlending	D5000
Display Typew	DLP	DLP	DLP
Brightness (Typical)	4200 ANSI Lumens	4200 ANSI Lumens	5200 Lumens
Native Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	XGA (1024 x 768)
Maximum Resolution	WUXGA (1920x1200) @60Hz	WUXGA (1920x1200) @60Hz	SXGA+ (1400 x 1050) @60Hz
Contrast Ratio (Typical)	3.000:1	3.000:1	2500:1
Lamp Life and Type	1500 Hours (Boost Mode), 2000 Hours (Std. Mode), 330W	1500 Hours (Boost Mode), 2000 Hours (Std. Mode), 330W	1500/2000 Hours (Std./Eco. Mode), 330W
Throw Ratio	1.54 - 1.93:1	1.54 - 1.93:1	1.6 - 2.0:1
Image Size (Diagonal)	0.9 - 7.6m (37” - 300”)	0.9 - 7.6m (37” - 300”)	0.9 - 7.6 m (37” - 300”)
Projection Distance	1.5 - 7m	1.5 - 7m	1.5 -7m (4.92ft to 23ft)
Projection Lens	F=2.46 - 2.56, f = 22.82 - 28.49 mm	F=2.46 - 2.56, f = 22.82 - 28.49 mm	F=2.46 - 2.56, f = 22.82 - 28.49 mm
Zoom Ratio	1.25x	1.25x	1.25x
Aspect Ratio	16:9 Native, 4:3, 16:10 Compatible	16:9 Native, 4:3, 16:10 Compatible	16:9 Native, 4:3, 16:10 Compatible
Keystone Correction	Vertical ±25°	Vertical ±25° (Without Blending Enabled)	Vertical +/- 15
3D Ready	no	no	Yes
Speakers	3W x 2	3W x 2	3W x 2
Lens Shift Range	Vertical:-40/ +100%, Horizontal: +/- 10%	Vertical:-40/ +100%, Horizontal: +/- 10%	Vertical:-40% to +120%, Horizontal: ±10%
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)	SDTV (480i), EDTV (480p), HDTV (720p, 1080i), NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM
I/O Connection Ports	HDMI v.1.3, DVI-D, Component (5 BNC) (RGBHV), Component (YPbPr RCA x 3), 2x VGA-In (15pin D-Sub), S-Video, Composite Video, Audio-In RCA (L/R), 3x Audio-In (Mini-Jack), Audio-Out (Mini-Jack), RJ45, 12v Trigger, RS-232, USB (Service), Remote Jack	HDMI v.1.3, DVI-D, Component (5 BNC) (RGBHV), Component (YPbPr RCA x 3), 2x VGA-In (15pin D-Sub), S-Video, Composite Video, Audio-In RCA (L/R), 3x Audio-In (Mini-Jack), Audio-Out (Mini-Jack), RJ45, 12v Trigger, RS-232, USB (Service), Remote Jack	HDMI 1.3, DVI-D, Component (5 BNC), Component (YPbPr), VGA-In (x2), S-Video, Composite, Audio-In RCA (L/R)(x2), Audio-In (Mini-Jack) (x3), VGA-Out, Audio-Out (Mini-Jack), RJ45, 12V Trigger, RS-232C, USB (Service)
Dimensions (WxDxH)	431 x 320 x 160.5 mm (17”x13.5”x7.1”)	431 x 320 x 160.5 mm (17”x13.5”x7.1”)	431 x 320 x 160.5 mm (17”x13.5”x7.1”)
Weight	8.6 kg (19lbs)	8.6 kg (19lbs)	8.6kg (19 lbs)
Noise Level	33dB/37dB (Std. / Boost Mode)	33dB/37dB (Std. / Boost Mode)	33dB/37dB (Std. / Boost Mode)
Power Supply	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Power Consumption	370W (Std. Mode), 430W (Boost Mode), Standby <1W	370W (Std. Mode), 430W (Boost Mode), Standby <1W	370W (Std. Mode), 430W (Boost Mode), Standby <1W
Lens Options	see table on page 6	see table on page 6	see table on page 6

ViviBlend Edge blending software

Vivitek offers ViviBlend to enable easy and cost effective large screen projections. The Viviblend software will enable you to blend up to 3 projector images together into one big seamless projected image (valid for all Vivitek projectors with a digital signal input). This cost effective edge blending does not require any dedicated external hardware, but can be set up with the use of a single PC and is based on camera feedback technology.

This edge blending solution does not require a dedicated technician or projector agnostics, it has a quick set up process to set up a seamless multi-megapixel viewing surface in any control room, auditorium, theatre, museum or staging event.

Features:
- Automatic Edge-Blending – Rapid camera based calibrations for pixel perfect blends, setup and completed in minutes.
- Friendly User Interface– designed to help streamline the calibration process, even more user friendly.
- One Touch Re-Calibration– Enhanced automation built in for users to update a calibration with one click of the mouse.
- Remote Control Compatible– TCP/IP commands allow for easy integration with control panels (i.e. AMX or Creston).
- Requirements Validator– Ensures your system meets the minimum requirements for creating a great display.



Vivitek Lens Options
Vivitek offers a range of lenses to accommodate any environment.

OPTIONAL LENSES

Part #	Description	Model(s)	Throw Ratio	Distance	Image Size
5811100984-SVK	Standard Zoom Lens	**D6010**	1.8 - 2.38:1	1.6m - 25.6m	40” to 500”
		D6510	1.78 - 2.35:1	1.4m - 23.9m	40” to 500”
5811116071-SVK	Long Zoom Lens	**D6010**	2.25 - 4.49:1	2.0m - 48.3m	40” to 500”
		D6510	2.22 - 4.43:1	1.8m - 45.0m	40” to 500”
5811116070-SVK	Short Throw Fixed Lens	**D6010**	0.77:1	0.7m - 3.3m	50” to 200”
		D6510	0.77:1	0.6m - 3.1m	50” to 200”
5811100987-SVK	Ultra Long Zoom Lens	**D6010**	4.49 - 8.41:1	3.9m - 90.6m	40” to 500”
		D6510	4.30 - 8.30:1	3.5m - 84.3m	40” to 500”
5811100982-SVK	Short Zoom Lens	**D6010**	1.35 - 1.81:1	1.2m - 19.5m	40” to 500”
		D6510	1.33 - 1.79:1	1.1m - 18.2m	40” to 500”
5811116223-SU	Standard Zoom Lens	**D5000**	1.60 - 2.00:1	1.3m - 12.2m	40” to 300”
		D5180	1.54 - 1.93:1	1.4m - 12.8m	40” to 300”
5811116225-SU	Short Throw Fixed Lens	**D5000**	0.80:1	0.6m - 3.3m	40” to 200”
		D5180	0.77:1	0.7m - 3.4m	40” to 200”
5811116224-SU	Medium Throw Zoom Lens	**D5000**	2.00 - 3.00:1	1.6m - 18.3m	40” to 300”
		D5180	1.93 - 2.89:1	1.7m - 19.2m	40” to 300”
3797720900-S	Fixed Wide Short Throw	**D8300**	T.R. 0.73:1	0.6m - 7.5m	40” to 300”
3797711500-S	Zoom Short Throw	**D8300**	T.R. 1.56 - 1.86:1	1.4m - 14.2m	40” to 300”
3797725600-S	Zoom Standard Throw	**D8300**	T.R. 1.85 - 2.40:1	1.6m - 18.3m	40” to 300”
3797757400-S	Zoom Middle Throw	**D8300**	T.R. 2.40 - 4.00:1	2.1m - 30.5m	40” to 300”
5050014505	Wide-Converter	**D8300**	0.8x		
5050014605	Tele-Converter	**D8300**	1.25x		

VIVITEK Corporation

Vivitek is a world-leading manufacturer of visual display and presentation products. The company's line of digital projection and display devices incorporates the latest innovations and technologies to deliver superior products for our customers.

Business

For business meetings, Vivitek offers a range of pocket, portable and meeting room projectors for the smallest to the largest meeting venues. The performance, functionality and features are designed to optimize the user-experience for each individual application.

Education

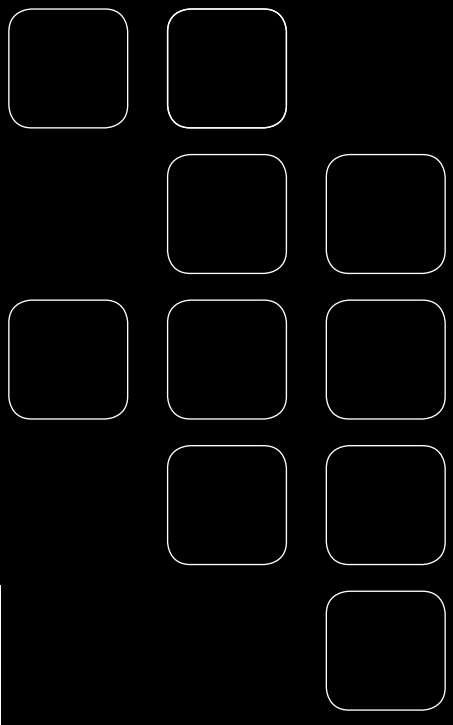
Vivitek offers teachers and pupils a reliable and easy to use visual learning aid to enhance the learning experience. The excellent price-value education range offers (ultra) short-throw projectors for use in limited space to full-featured projectors for auditorium installations.

Home Cinema

Vivitek designs both video/gaming projectors for everyday use as well as projectors for the most demanding home cinema installations. Full HD projectors, including the first 1080p LED high resolution projector, provide the best image through next generation video processing performance with the highest contrast ratios.

Large Venue

For the Large Venues Vivitek offers high-performance projectors that can be relied on for any fixed installation or rental project. Vivitek have equipped them with easy installation features such as dual-lamp switching technology, interchangeable lenses/color wheels and edge blending options.



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