

## Vivitek Dual Lamp professional data projector

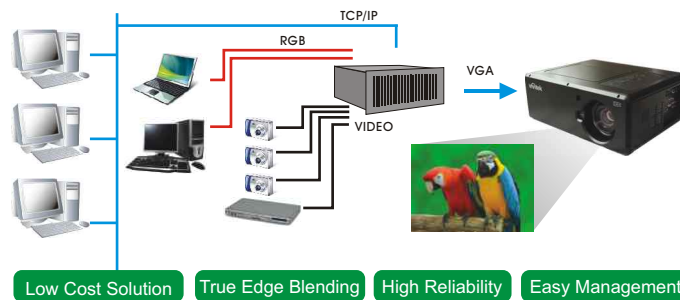
	D5510	D6010	D6510
Display Technology	0.7" 1-Chip DMD	0.65" 1-Chip DMD	0.7" 1-Chip DMD
Resolution	Native XGA 1024 x 768	Native WXGA 1280 x 800	Native XGA 1024 x 768
Brightness	5500 ANSI Lumens	6000 ANSI Lumens	6500 ANSI Lumens
Contrast Ratio	2400:1	3000:1	
Zoom & Focus	Powered Zoom & Powered Focus		
Lens Throw Ratio	1.78-2.35 (Standard Lens)		
F Value	F1.7-1.9 f=26-34mm (Standard Lens)		
Video Bandwidth	100 Mhz		
Projection Screen Size	40"-500"(Standard Lens)		
Remote Control	Fully Featured IR Remote with Laser Pointer		
Lamp	260w x 2	280w x 2	
Aspect Ratio	Native (4:3) & Compatibility (16:9)		
PC Compatibility	VGA, SVGA, XGA, UXGA compressed, Macintosh		
Video Compatibility	EDTV (480p), HDTV (576i/p, 720p, 1080i), NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM		
Input Terminals	Component x 1, BNC(RGBHV) x 1, DVI-D(DHCP) x 1, VGA (15 pin D-Sub) x 1, Composite Video (RCA x1), S-Video (Mini DIN) x 1, Audio RCA Stereo x 2, Audio Mini-Jack x 2		
Output Terminals	VGA (15 pin D-Sub) x 1, Audio Mini-Jack x 1		
Communication Terminals	USB (Service), RS-232C x 1, RJ45 x 1, 12v Trigger x 1		
Lens Shift	Motorized 50% Vertical and 10% Horizontal		
Keystone Correction	Vertical (+/- 40 degree), Horizontal (+/- 35 degree)		
Fan Noise Level	35 dB (Standard), 32dB (Eco)	37 dB (Standard), 34dB (Eco)	
Audio Speaker	3w Stereo	5w Stereo	
Projection Method	Front, Rear, Table Top and Ceiling Mount		
Dimensions (w X H X D)	505x192x385mm (19.9" x 7.6" x 15.2")		
Weight	20.5kg (45.1 lbs)		
Power Supply	AC 100-240V		
Power Consumption	655W (STD), 580W (Eco) <5W Standby Power		
OSD Language	English, French, German, Spanish, Italian, Swidish, Japanese, Simplified Chinese, Traditional Chinese		

\* Specifications are subject to change without prior notice.



### ► Multiple System Integration Solution

System integration solution contains many solutions such as edge blending (optional) on curved screen and spherical screen through a graphic processing device.



### ► Complete I/O Connectivity



## D5510/D6010/D6510 Series

- Powerful DDP3020 with enhanced true color improvement
- Improved vivid Color Wheel Technology provides outstanding vivid color suit for system integration
- Supported HDTV formats: 480i/480P/576i/576P/720P/1080i
- Dual lamp system maximize the brightness output and extend the product consequence without interruption
- Redundant lamp system prevent interruption

# D5510/D6010/D6510 SERIES

With a contrast ratio of 3000:1 and equipped with Texas Instruments BrilliantColor technology, the D5510, D6010 & D6510 is a workhorse for the installation marketplace producing clear image details and vivid natural color enhanced by the unit's 6-segment color wheel. On-board, dual lamps not only enable brilliant presentations but in Dual-Lamp Switching Mode, ensures continued performance should a lamp fail as the projector automatically switches to solo lamp operation preventing any interruption during a presentation.

## ► Powerful DDP3020 Video Processing Chipset by Texas Instruments

### BrilliantColor™ Faster Interface (LVDS) 64Mbit DMD Cache

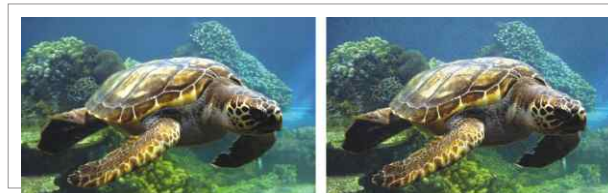


The D5510/D6010/D6510 supports TI's latest DDP3020 video processing chipset. The DDP3020 delivers 10-bit digital gamma correction and I/P conversions (4x's the gradation of conventional 8-bit modes) to produce smoother images via several Gamma section modes, including dynamic, natural and black.



DDP3020F BrilliantColor™ DDP1000 Standard

With DLP TrueVision Image Processing, noise reduction, 3:2/2:2 file mode, edge-adaptive interpolation, dynamic black, and BrilliantColor Technology, the D5510, D6010 and D6510 projectors provide the best picture quality with unbelievable clarity and video quality.



With Noise Reduction Without Noise Reduction

## ► Filter Free Say NO to the anti-dust filter

DLP based projector has the congenital superiority in against dust aspect. Vivitek DLP Projector has sealed optics engine, which keeps filter free, and more durable in comparison with plastic components



## ► Dynamic Black

Dynamic Black adjusts automatically the black levels of video content and produces rich blacks on dark scenes.



With Dynamic Black Without Dynamic Black

## ► Support 3:2/2:2 Pull Down

D5510, D6010 & D6510 support 3:2/2:2 Pull Down via OSD "Film" section



3:2/2:2 Pull Down Without 3:2/2:2 Pull Down

## ► Edge-Adaptive Interpolation

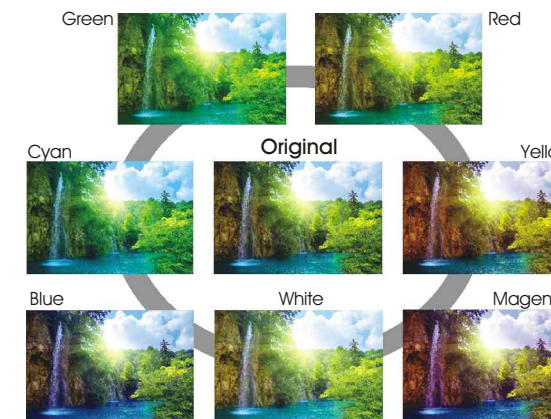
Edge adaptive interpolation and edge adaptive noise reduction improve jagged edges in the image without erasing blurring.



With Edge-Adaptive Interpolation Without Edge-Adaptive Interpolation

## ► 7 Color Adjustments:

The Vivitek D5510/D6010/D6510 features Color Correction Tab functionality, thus enabling the adjustment of color hues in an image to remove unwanted effects, improve color, characteristics or add more of a particular color. For preferred color image adjustments, up to 7 colors (red, green, blue, cyan, magenta, yellow and white) can be easily selected and adjusted. Each color adjustment contains Hue/Saturation/Gain from 0 to 100 for a wider adjustment selection for the best possible image.



## ► Dual Lamp Switching Technology



With dual lamp switching system functionality, the D5510/D6010/D6510 easily allows the user to select either one or two lamps to be working at the same time.

For added convenience, the system OSD displays the usage time left before the lamps are required to be replaced.

## ► Interchangeable Color Wheel

Interchangeable 4 and 6 segment color wheels are available for different applications.

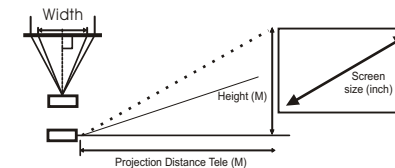


## ► Networking Management

Large venue installations require the system management via network interaction. With the 5510/D6010/D6510, the net work administrator can easily control projector settings and monitor the status of the projectors installed on a network.



## ► Replaceable Professional Bayonet Lens (Optional)



The Dual Lamp Professional Series features a host of optional interchangeable bayonet lenses to meet the demands of the different venue sizes. 5 interchangeable lenses are available and include: ultra short throw, short throw, standard, long throw and super long throw.

Lens	D5510/D6010/D6510 Bayonet Lens																			
	GC805G		GB942G		GB940G		GB949G		GB957G											
	Ultra Short Throw		Short Throw		Standard		Long Throw		Super Long Throw											
Lens Type	Fixed		Zoom		Zoom		Zoom		Zoom											
Zoom	Power		Power		Power		Power		Power											
Focus	Power		Power		Power		Power		Power											
Throw Ratio	0.77		1.33-1.79		1.78-2.35		2.22-4.43		4.43-8.3											
F Value	2		1.8-2.3		1.7-1.9		2.1-2.9		2.2-3.1											
f Value	11.4 mm		19.3-25.8 mm		26-34 mm		32-63 mm		63.5-117.4 mm											
Screen Size	Projection Distance																			
	Tele		Wide		Tele		Wide		Tele		Wide		Tele		Wide					
	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010	D5510	D6010
60	0.94	1	0.94	1	2.18	2.31	1.62	1.72	2.87	3.04	2.17	2.3	5.4	5.73	2.71	2.87	10.12	10.73	5.4	5.73
80	1.25	1.33	1.25	1.33	2.91	3.08	2.16	2.29	3.82	4.05	2.89	3.07	7.2	7.63	3.61	3.83	13.49	14.3	7.2	7.63
100	1.56	1.66	1.56	1.66	3.64	3.86	2.7	2.86	4.78	5.06	3.62	3.83	9	9.54	4.51	4.78	16.87	17.88	9	9.54
120	1.88	1.99	1.88	1.99	4.36	4.63	3.24	3.44	5.73	6.07	4.34	4.6	10.8	11.45	5.41	5.74	20.24	21.45	10.8	11.45
150	2.35	2.49	2.35	2.49	5.46	5.78	4.05	4.3	7.16	7.59	5.43	5.75	13.5	14.31	6.77	7.17	25.3	26.82	13.5	14.31
200	3.13	3.32	3.13	3.32	7.27	7.71	5.41	5.73	9.55	10.12	7.23	7.67	18	19.08	9.02	9.56	33.73	35.75	18	19.08
250	-	-	-	-	9.09	9.64	6.76	7.16	11.94	12.65	9.04	9.58	22.5	23.85	11.28	11.95	42.16	44.69	22.5	23.85
300	-	-	-	-	10.91	11.57	8.11	8.59	14.33	15.19	10.85	11.5	27.01	28.63	13.53	14.35	50.6	53.63	27.01	28.63
350	-	-	-	-	12.73	13.49	9.46	10.03	16.71	17.72	12.66	13.42	31.51	33.4	15.79	16.74	59.03	62.57	31.51	33.4
400	-	-	-	-	14.55	15.42	10.81	11.46	19.1	20.25	14.47	15.34	36.01	38.17	18.04	19.13	67.46	71.51	36.01	38.17
500	-	-	-	-	18.19	19.28	13.51	14.32	23.88	25.31	18.08	19.17	45.01	47.71	22.56	23.91	84.33	89.39	45.01	47.71

The above numbers are approximate, and may be slightly different from the actual measurements