

# dVision 30 Series

dVision 30sx+ • dVision 30-1080p • dVision 30-WUXGA



## PERFORMANCE SPECIFICATIONS

### Color Wheel Options:

(XB): Balanced Luminance and Chroma  
(XL): Enhanced Luminance  
(XC): Enhanced Chroma

### Brightness ( $\pm 10\%$ ) / Contrast (full on/off)

sx+ (XC): 3,100 ANSI / 7500:1  
sx+ (XB): 4,800 ANSI / 7500:1  
sx+ (XL): 8,000 ANSI / 7500:1

1080p (XC): 2,900 ANSI / 7500:1  
1080p (XB): 4,500 ANSI / 7500:1  
1080p (XL): 7,500 ANSI / 7500:1

WUXGA (XC): 2,900 ANSI / 7500:1  
WUXGA (XB): 4,500 ANSI / 7500:1  
WUXGA (XL): 7,500 ANSI / 7500:1

### Display Type

DarkChip™ DMD

### Sequential Color Management

Six-segment color wheel with Brilliant Color™

### Native Resolution

sx+: 1400 x 1050 pixels  
1080p: 1920 x 1080 pixels  
WUXGA: 1920 x 1200

### Computer Compatibility

Up to 1920 x 1200

### Video Compatibility

HDTV, NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM; HDCP on DVI; HDMI 1.3

### Aspect Ratio (native)

SX+: 4x3  
1080p: 16x9  
WUXGA: 16x10

### Bandwidth (up to)

205 MHz on Analog RGB  
160 MHz on DVI  
75 MHz on Component  
225 MHz on HDMI

### Lens Shift (motorized)\*

sx+: Vert:  $\pm 0.6$  frame; Hor:  $\pm 0.4$   
1080p: Vert:  $\pm 0.75$  frame; Hor:  $\pm 0.34$   
WUXGA: Vert:  $\pm 0.67$  frame; Hor:  $\pm 0.34$

### Motorized Iris

Enables the user to optimize lumen/contrast performance

### Lenses

sx+:	1080p/WUXGA:
0.8:1*	.75:1*
1.0:1	.92:1
1.2:1	1.16:1
1.3-1.7:1	1.2-1.6:1
1.7-2.5:1	1.6-2.3:1
2.5-4.0:1	2.3-3.7:1
4.0-7.0:1	3.7-6.5:1

### Image Size

0.7-5.5 meters (2.5-18ft) wide

### Lamp Type

Dual 300W UHP™

### Lamp Life (Typical per lamp):

2,000 hours - full power  
5,000 hours - automatic eco sync mode

### Mechanical Mounting

Front/rear table  
Front/rear ceiling  
Adjustable front/rear feet

### Operating Noise Level

30dB (typical)

### Dimensions (excluding lens)

14.8in(L) x 20in(W) x 8.8in(H)  
376mm(L) x 510mm(W) x 223mm(H)

### Weight (chassis only)

27.8lbs (12.6kg)

## Overview

Digital Projection International proudly offers the dVision 30 series, ultra-quiet, dual lamp projectors based on single-chip DLP™ technology. Available in three distinct resolution platforms including SXGA+, 1080p, and WUXGA. dVisions employ dual 300-watt lamps, producing up to 8,000 ANSI lumens. Contrast ratios up to 7500:1 can be achieved using the motorized lens aperture, which allows the user to accurately define contrast and brightness to match venue and content requirements.

DP's ColorMax™ technology provides even more opportunities to fine tune projector performance. Three different factory installed color wheel sets are available for the dVision products, allowing the user to select the projector / color wheel combination that provides the best balance of lumens and color depth for their application.

A flexible array of ultra-accurate optics delivers throw ratios as short as .75:1 and as long as 6.5:1. The dVision's quick-change motorized lens mount provides an extensive range of horizontal and vertical lens shift. Every dVision is also equipped with a motorized light shutter and a backlit projector information display, which provides users with all relevant data regarding the projector's operating status.

Intuitive user controls and extensive source compatibility render dVisions simple to integrate, control and operate. The projectors' low-cost, long-life dual UHP™ lamp system and inherent digital stability position these products as perfect projection solutions for a diverse range of customers and applications, including:

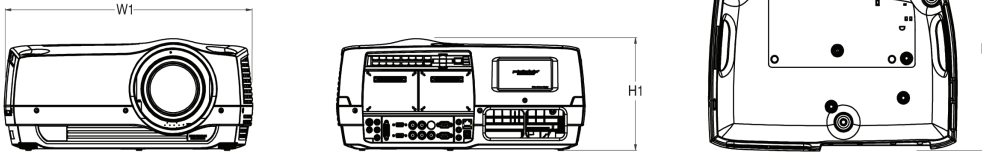
- Dramatic home entertainment • Digital media and advertising
- Corporate boardrooms and teleconferencing suites
- Training and education • Retail and entertainment
- Religious venues/houses of worship • Casinos and hospitality
- Military simulation/command and control • Immersive visualization
- Staging & Rental

As is the case with all Digital Projection displays, our careful engineering and superior customer and technical service guarantee dVision projectors will provide remarkable imaging and reliability for the long-term.

## INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity
<b>Video &amp; computer</b>		
VGA / analog RGB	15-pin female HD-DSUB	1
RGB analog	BNCx5 - female	1
DVI (digital RGB)	DVI-D - female	1
HDMI	HDMI	1
Component Video	RCAx3 - female	1
S-Video	4-pin mini DIN- female	1
Composite Video	RCAx1- female	1
<b>Communication &amp; control</b>		
RS232 (in/out)	9-pin DSUB - female	1
USB (for control & firmware updates)	USB - female	1
LAN (for control & firmware updates)	RJ-45 - female	1
Screen/Aspect trigger	3.5mm mini-sub	2
Remote control	3.5mm stereo jack- female	1

\* Short throw fixed lens have little to no lens shift capability.  
Please refer to the DP Calculator Toolbox for direction in Selection.



Projector Dimensions




Projector dimensions (in)  
L1 14.8 W1 20 H1 8.8

Projector dimensions (mm)  
L1 376 W1 510 H1 223



dVision 30 back panel

## ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	  
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p
Scan Rates Supported	Horizontal: 15-150kHz; Vertical: 48-190Hz
Remote Control	Remote wireless IR / wired thru 3.5mm stereo jack
Automation Control	RS232 9-pin D sub / RJ45 LAN / USB
Operating/Storage Temperature	Operating: 32 to 104°F at 0-4950 ft, 32 to 95°F at 4950-9000 ft / Storage: 14 to 104°F
Operating Humidity	20 to 90% RH
Thermal Dissipation	<2900 BTU/hour
Fan Noise	30dB
Power Requirements	100-240 VAC, 50/60Hz ±10%
Power Consumption	<1050W
Safety and EMC Regulations	CE, UL, cUL, FCC Class A

Projector	Part #	Lenses	Accessories	Part #		
dVision 30sx+ (XB)	111-036V	<b>SX+:</b> 0.84:1 1.0:1 1.25:1 1.34 - 1.74:1 1.74 - 2.51:1 2.56 - 4.10:1 4.10 - 7.10:1	<b>1080p/ WUXGA</b> .79:1 .92:1 1.16:1 1.24 - 1.60:1 1.60 - 2.32:1 2.37 - 3.79:1 3.80 - 6.50:1	<b>Part#</b> 104-083 110-810 104-084 104-085 104-086 104-087 104-088	VIDI 300 Watt Lamp & Housing (non VIDI models)	109-387A
dVision 30sx+ (XL)	111-037V				dVision 30 Adjustable ceiling mount	106-310
dVision 30sx+ (XC)	107-743V				Infrared remote (replacement)	104-091
dVision 30-1080p (XB)	111-038V		24/7 Maintenance Kit	107-749		
dVision 30-1080p (XL)	111-039V		Rigging and Stacking Frame	106-476		
dVision 30-1080p (XC)	107-746V					
dVision 30-WUXGA (XB)	111-041V					
dVision 30-WUXGA (XL)	111-040V					
dVision 30-WUXGA (XC)	108-706V					

<sup>1</sup> Based on 4-6 hour/day operational profile. Venue and application conditions may impact actual lamp life. See Digital Projection's Product Warranty Statement for details on lamp warranty.

