

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+ (XB): 4,100 ANSI / 7500:1
sx+ (XL): 7,500 ANSI / 7500:1
sx+ (XC): 3,100 ANSI / 7500:1

1080p (XB): 3,800 ANSI / 7500:1
1080p (XL): 6,800 ANSI / 7500:1
1080p (XC): 2,900 ANSI / 7500:1

WUXGA (XB): 3,800 ANSI / 7500:1
WUXGA (XL): 6,800 ANSI / 7500:1
WUXGA (XC): 2,900 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: ± 0.54 frame; Hor: ± 0.46
1080p: Vert: ± 0.75 frame; Hor: ± 0.45
WUXGA: Vert: ± 0.67 frame; Hor: ± 0.34

Motorized Iris

Enables the user to optimize lumen/contrast performance

Lenses

sx+:	1080p/WUXGA:
0.8:1*	0.75:1*
1.2:1	1.1:1
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):

1,700 hours-lamp high, per lamp
2,200 hours-lamp low, per lamp

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 four distinct resolution platforms including SXGA+, 1080p, 720p and WUXGA. dVisions employ dual 300-watt lamps, producing up to 6500 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:

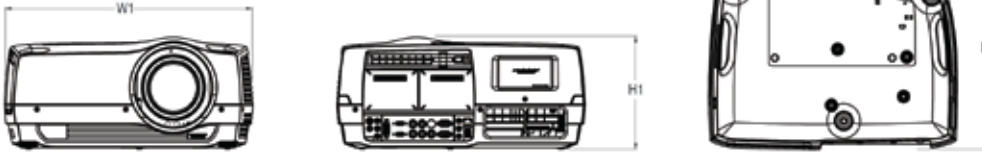
- Dramatic home entertainment • Digital media and advertising
- Corporate boardrooms and teleconferencing suites
- Training and education • Retail and entertainment
- Religious venues/houses of worship • Casinos and hospitality
- Military simulation/command and control • Immersive visualization
- Staging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

* No lens shift capability on short throw fixed lens



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	Part#	Accessories	Part #	
dVision 30sx+ (XB)	107-741V	SX+: 0.8:1 1.2:1 1.3 - 1.7:1 1.7 - 2.5:1 2.5 - 4.0:1 4.0 - 7.0:1	1080p/ WUXGA 0.75:1 1.1:1 1.2 - 1.6:1 1.6 - 2.3:1 2.3 - 3.7:1 3.7 - 6.5:1	VIDI 300 Watt Lamp & Housing (non VIDI models)	109-387A	
dVision 30sx+ (XL)	107-742V			104-083	dVision 30 Adjustable ceiling mount	106-310
dVision 30sx+ (XC)	107-743V			104-084	Infrared remote (replacement)	104-091
dVision 30-1080p (XB)	107-744V			104-085	24/7 Maintenance Kit	107-749
dVision 30-1080p (XL)	107-745V			104-086	rigging and Stacking Frame	106-476
dVision 30-1080p (XC)	107-746V			104-087		
dVision 30-WUXGA (XB)	108-708V			104-088		
dVision 30-WUXGA (XL)	108-707V					
dVision 30-WUXGA (XC)	108-706V					

¹ 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.

