

dVision 30 Series

dVision 30XG • dVision 30sx+ • dVision 30HD



PERFORMANCE SPECIFICATIONS

Color Wheel Options:

(XB): Balanced Luminance and Chroma

(Best overall performance)

(XL): Enhanced Luminance

(XC): Enhanced Chroma

Brightness (±10%) / Contrast (full on/off)

XG (XB): 5,500 ANSI / 7500:1

sx+ (XB): 5,500 ANSI / 7500:1

sx+ (XL): 6,500 ANSI / 7500:1

sx+ (XC): 4,500 ANSI / 7500:1

HD (XB): 3,500 ANSI / 7500:1

HD (XL): 5,000 ANSI / 7500:1

HD (XC): 3,000 ANSI / 7500:1

Display Type

DarkChip3™ DMD

Sequential Color Management

Seven-segment color wheel with Brilliant Color™

Native Resolution

XG: 1024 x 768

sx+: 1400 x 1050 pixels

1080p: 1920 x 1080 pixels

Computer Compatibility

Up to 1600 x 1200

Video Compatibility

HDTV, NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM; HDCP on DVI; Faroudja™ deinterlacing with automatic film mode detection (3:2 and 2:2 pulldown)

Aspect Ratio (native)

SX+, XG: 4x3

HD: 16x9

Bandwidth (up to)

205 MHz on analog RGB

160 MHz on DVI

75 MHz on component input

Lens Shift (motorized)*

sx+: Vert: ±0.54 frame; Hor: ±0.46

HD: Vert: ±0.67 frame; Hor: ±0.48

XG: Vert: ±0.54 frame; Hor: ±0.46

Motorized Iris

Enables the user to optimize lumen/contrast performance

Lenses

sx+:	HD:	XG:
0.8:1*	0.875:1*	1.1:1*
1.2:1	1.32:1	1.65:1
1.3-1.7:1	1.42-1.86:1	1.78-2.32:1
1.7-2.5:1	1.86-2.73:1	2.32-3.42:1
2.5-4.0:1	2.73-4.37:1	3.42-5.47:1
4.0-7.0:1	4.37-7.65:1	5.47-9.57:1

Image Size

0.7-5.5 meters (2.5-18ft) wide

Lamp Type

Dual 300W UHP™

Lamp Life (Typical per lamp)¹

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 XGA, 720P, SXGA+ and 1080p 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. Four 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 9:1. 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

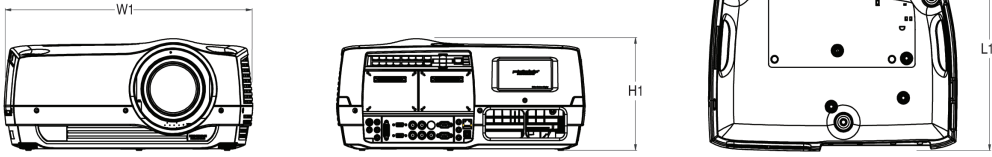
Input	Connector	Quantity
Video & computer		
VGA / analog RGB	15-pin female HD-DSUB	1
RGB analog	BNCx5 - female	1
DVI (digital RGB)	DVI-D - female	1
Component Video	RCAx3 - female	1
S-Video	4-pin mini DIN- female	1
Composite Video	RCAx1- female	1
Communication & control		
RS232	9-pin DSUB - female	1
USB (for control & firmware updates)	USB - female	1
LAN (for control & firmware updates)	RJ-45 - female	1
Remote control	3.5mm stereo jack- female	1
Outputs		
VGA monitor out	15-pin female HD-DSUB	1
RS232	9-pin DSUB - male	1

* No lens shift capability on short throw fixed lens

Specifications subject to change without notice

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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	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 4950-99,000 ft / Storage: 14 to 104°F
Operating Humidity	20 to 90% RH
Thermal Dissipation	<2900 BTU/hour
Fan Noise	30dB
Power Requirements	90-260 VAC, 50/60Hz
Power Consumption	<1050W
Safety and EMC Regulations	CSA, CE, UL, FCC Class A

Projector*	Part #	Lenses			Part#
dVision 30XG (XB)	105-822	SX+:	HD:	XG:	
		0.8:1	0.875:1	1.1:1	104-083
		1.2:1	1.32:1	1.65:1	104-084
dVision 30sx+ (XB)	107-741	1.3 - 1.7:1	1.42 - 1.86:1	1.78 - 2.32:1	104-085
dVision 30sx+ (XL)	107-742	1.7 - 2.5:1	1.86 - 2.73:1	2.32 - 3.42:1	104-086
dVision 30sx+ (XC)	107-743	2.5 - 4.0:1	2.73 - 4.37:1	3.42 - 5.47	104-087
dVision 30HD (XB)	107-738	4.0 - 7.0:1	4.37 - 7.65:1	5.47 - 9.57:1	104-088
dVision 30HD (XL)	107-739				
dVision 30HD (XC)	107-740				

Accessories

300 Watt Lamp & Housing
dVision 30 Adjustable ceiling mount
Infrared remote (replacement)
24/7 Maintenance Kit

Part

105-824
106-310
104-091
107-749

*Bold listings denote most popular configurations.

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.

