

iVision 30 Series

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



PERFORMANCE SPECIFICATIONS

Color Wheel Options:

(XB): Balanced Luminance and Chroma
(Best overall performance)
(C): Enhanced Contrast
(XL): Enhanced Luminance
(XC): Enhanced Chroma

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

sx+ (XB): 3,100 ANSI / 2500:1
sx+ (XL): 3,700 ANSI / 2500:1
sx+ (XC): 2,300 ANSI / 2500:1

1080p (XB): 2,800 ANSI / 2500:1
1080p (C): 1,200 ANSI / 5000:1
1080p (XL): 3,400 ANSI / 2500:1
1080p (XC): 2,100 ANSI / 2500:1

WUXGA (XB): 3,100 ANSI / 4000:1
WUXGA (XC): 2,300 ANSI / 4000:1

Display Type

DarkChip3™ DMD

Sequential Color Management

Six-segment color wheel with Brilliant Color™

Native Resolution

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 & HDMI; automatic film mode detection (3:2 and 2:2 pulldown)

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 input

Throw Ratio

sx+: 1.75-2.25:1
sx+W: 1.0:1
1080p: 1.6-2.0:1
1080pW: 0.95:1
WUXGA: 1.6-2.0:1
WUXGA-W: 0.95:1

Throw Distance

1.5-10 meters (5-33ft)

Image Size

0.7-5.5 meters (2.5-18ft) wide

Image Offset

sx+: 8%
1080p: 23%

Lamp Type

300W UHP™

Lamp Life (Typical):

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

Mechanical Mounting

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

Operating Noise Level

28dB

Dimensions (chassis only)

10.9in(L) x 10.9in(W) x 4.4in(H)
278mm(L) x 278mm(W) x 110mm(H)

Weight (chassis only)

3.4kg (7.5lbs)

Standard Accessories

(sx+ only)
Ceiling mount cable cover

Cabinet Color

sx+ / 1080p / WUXGA: grey - standard
1080p-C: Piano Black - standard

Overview

Digital Projection International proudly introduces our newest high brightness, compact single-chip DLP displays - the iVision 30 series. The iVision 30-1080p, 30sx+ and 30-WUXGA represent the highest performance and quietest implementation of DarkChip3™ single-chip DLP technology available today. The iVision 30sx+ employs an SXGA+ native resolution DMD. Depending on the color wheel selected, it produces up to 3,700 ANSI lumens and 2500:1 contrast. The iVision 30-1080p employs a DMD with 1920 x 1080 pixels and depending on the color wheel, produces from 1200-3400 ANSI lumens and stunning contrast from 2500-5000:1. Finally, the iVision 30-WUXGA is capable of up to 3100 ANSI lumens and 4000:1 contrast.

Equipped with DP's ColorMax™ technology, four different factory installed color wheels are available for these products, allowing the user to select the projector / color wheel combination that provides the best balance of lumens and color depth to match their application.

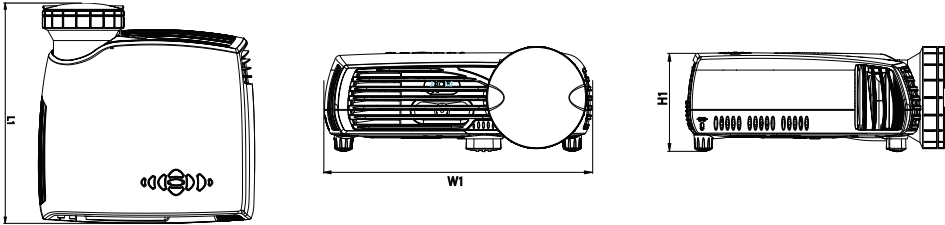
The iVision 30's intuitive user interface and extensive source compatibility render them simple to integrate, control and operate. These new iVisions feature an off axis optical design, supported by a geometrically precise zoom lens or an optional short-throw fixed lens. The projectors' low-cost, ultra efficient UHP lamp system and inherent digital stability position the iVision 30 series as best-in-class 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

As is the case with all Digital Projection displays, our careful engineering guarantees the iVision 30 series provide remarkable imaging and reliability for the long-term. Equally important, our legacy in superior customer and technical services assures our experienced support staff is always available to address your needs.

INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity	
		SX+ & WUXGA	1080p
VGA/analog RGB	D Sub (15-pin)	2	1
DVI (Digital RGB)	DVI-D	1	1
Component Video (SDTV/HDTV)	RCaX3	1	2
HDMI	HDMI	1	1
S-Video	4-pin mini DIN	1	1
Composite Video	RCA	1	1
USB for mouse connection and firmware upgrade	USB	1	1
LAN	RJ45	1	1
Stereo mini jack audio		1	n/a
Screen trigger		n/a	1




Projector Dimensions

Projector dimensions (in) L1 9.6 W1 10.9 H1 3.5	Projector dimensions (mm) L1 244 W1 278 H1 88
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ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	  
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p, 24p
Scan Rates Supported	Horizontal: 120kHz; Vertical: 50-110Hz
Remote Control	Remote wireless IR
Automation Control	RS232 9-pin D sub / RJ45 LAN
Operating/Storage Temperature	Operating: 0 to 40°C at 0-1500m, 0 to 35°C at 1500-3000m / Storage: -10 to 45°C
Operating Humidity	20 to 90% RH
Thermal Dissipation	<1700 BTU/hr
Fan Noise	28dB at 20°C (68°F)
Power Requirements	90-260 VAC, 50/60Hz
Power Consumption	350W
Safety and EMC Regulations	UL, CE, FCC Class A

Projector*	Lens	Part #
iVision 30sx+ (XB)	1.75 - 2.25:1	107-724
iVision 30sx+ (XL)	1.75 - 2.25:1	107-725
iVision 30sx+ (XC)	1.75 - 2.25:1	107-726
iVision 30sx+ W(XB)	1.0:1 fixed	107-727
iVision 30sx+ W(XL)	1.0:1 fixed	107-728
iVision 30sx+ W(XC)	1.0:1 fixed	107-729
iVision 30-1080p (XB)	1.6 - 2.0:1	107-731
iVision 30-1080p (C)	1.6 - 2.0:1	107-730
iVision 30-1080p (XL)	1.6 - 2.0:1	107-732
iVision 30-1080p (XC)	1.6 - 2.0:1	107-733
iVision 30-1080p-W(XB)	.95:1 fixed	107-735
iVision 30-1080p-W(C)	.95:1 fixed	107-734
iVision 30-1080p-W(XL)	.95:1 fixed	107-736
iVision 30-1080p-W(XC)	.95:1 fixed	107-737

Projector*	Lens	Part #
iVision 30-WUXGA (XB)	1.6 - 2.0:1	107-724
iVision 30-WUXGA (XC)	1.6 - 2.0:1	107-726
iVision 30-WUXGA-W (XB) .95:1 fixed		107-727
iVision 30-WUXGA-W (XL) .95:1 fixed		107-728

Accessories	Part #
300 Watt Lamp & Housing	107-750
220 Watt Lamp & Housing for iVision 30-1080p (C) & W(C)	108-617
iVision 30 Adjustable ceiling mount	106-958
Infrared remote (replacement)	104-142
24/7 Maintenance Kit	107-748

*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.

